## EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

August 29, 2005

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

> RE: APPLICATION FOR PERMIT TO DRILL CHAPITA WELLS UNIT 674-6 SE/NW, SEC. 6, T9S, R23E UINTAH COUNTY, UTAH LEASE NO.: U-01304 FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120

Fax: (435)789-1420

Sincerely,

Ed Trotty Agent

EOG Resources, Inc.

Attachments

RECEIVED

AUG 3 1 2005

DIV. OF OIL, GAS & MINING

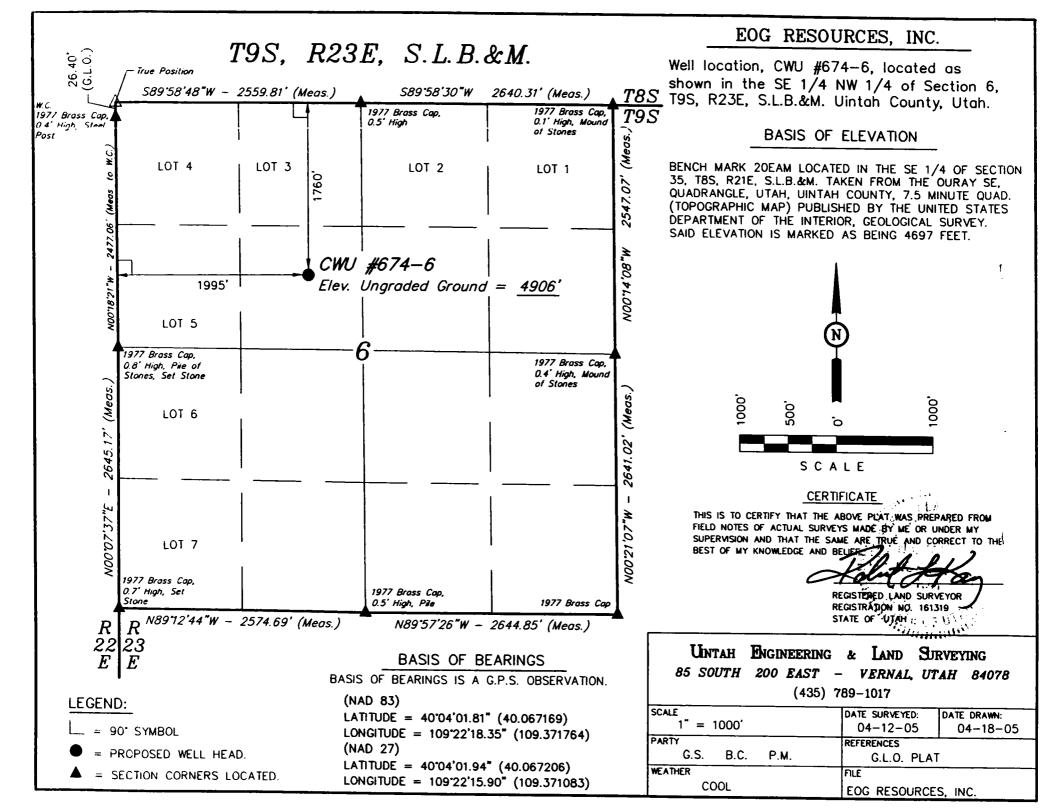
## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

5. Lease Serial No.

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APPLICATION FOR PERM	IIT TO DRILL OR REENTE	6. If Indian, Allottee or	Tribe Name		
la. Type of Work: RDRILL		7. If Unit or CA Agreement, Name and No. CHAPITA WELLS UNIT			
1b. Type of Well: Oil Well X Gas Well Oth	8. Lease Name and We CHAPITA WE	LLS UNIT 674-6			
2. Name of Operator EOG RESOURCES, INC.		9. API Well No.	17.37053		
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790	NATURAL B	10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Report location clearly and in accordance Location of Well (Report location clearly and in accordance Location of Well (Report location clearly and in accordance Location of Well (Report location clearly and in accordance Location of Well (Report location clearly and in accordance Location of Well (Report location clearly and in accordance Location of Well (Report location clearly and in accordance Location clea	ince with any State requirements.*)  389/1 X 40.067175  1436274Y SE/NW	SEC. 6, T9S, S.L.B.&N	, R23E,		
14. Distance in miles and direction from nearest town or pos 19.15 MILES SOUTHEAST OF OUTHEAST OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OF OUTHEAST OUTHEAS		12. County or Parish UINTAH	13 State UTAH		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 2451	17. Spacing Unit dedicated to	this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth 9750	20. BLM/BIA Bond No. on fit NM-2308	le		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4905.7 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL	23. Esti mated 45 DA			
Attachments The following, completed in accordance with the requi					
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Surpo shall be filed with the appropriate Forest Serveyor).</li> </ol>	(see Item 20 ab orest System Lands, the 5. Operator certificat	tion. cific information and/or plans as			
25. Signature	Name (Printed/Typed) Ed Trotter		Date August 29, 2005		
Agent					
Approved by (Signature)	BRADLEY G. HILL ENVIRONMENTAL SCIENTIST	Date	9-01-05		
Title	Office				
Application approval does not warrant or certify that the app conduct operations thereon. Conditions of Approval, if any, are attached.	licant holds legal or equitable title to those righ	ts in the subject lease which wou	id entitle the applicant to		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 12 United States any raise, fictitious or fraudulent statements of	212, make it a crime for any person knowingly a representations as to any matter within its juris	and willfully to make to any dena ediction. RECEIVED	rtment or agency of the		



# EIGHT POINT PLAN CHAPITA WELLS UNIT 674-6 SE/NW, SEC. 6, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

## 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Wasatch	5,029'
Chapita Wells	5,675'
Buck Canyon	6,343'
North Horn	6,940'
Island	7,378'
KMV Price River	7,544'
KMV Price River Middle	8,267'
KMV Price River Lower	9,050'
Sego	9,546'

Estimated TD: 9,750' or 200'± below Sego top

Anticipated BHP: 5,324 Psig

## 3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

## 4. CASING PROGRAM:

4. CASHA I ROGRAM.						<u>RATI</u>	NG FACTOR	
HOLE SIZE	INTERVAL	LENGTH	<b>SIZE</b>	WEIGHT	<b>GRADE</b>	<b>THREAD</b>	COLLAPS	E BURST TENSILE
12-1/4"	0' - 2.300'KB±	2,300'±	9-3/8"	36.0#	J-55	ST&C	2020 Psi	3520 Psi 394,000#
7-7/8"	$2.300' \pm - TD$	9,750'±	4-1/2"	11.6#	N-80	LT&C	6350 Psi	7780 Psi 223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

#### 5. Float Equipment:

## Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

## Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top.  $(50\pm \text{ total})$ . Thread lock float shoe, top and bottom of float collar, and top of  $2^{\text{nd}}$  joint.

8 point plan-EOG 1 6/23/2005

## EIGHT POINT PLAN CHAPITA WELLS UNIT 674-6 SE/NW, SEC. 6, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

## 6. MUD PROGRAM

## Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

## 7. VARIANCE REQUESTS:

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.

## 8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD. Cased hole evaluation logs will be run in lieu of open hole logs.

## 9. CEMENT PROGRAM:

## Surface Hole Procedure (Surface - 2300'±):

Lead: Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to 500'above the casing shoe.

# EIGHT POINT PLAN CHAPITA WELLS UNIT 674-6 SE/NW, SEC. 6, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

## **CEMENT PROGRAM (Continued):**

Production Hole Procedure (2300'± - TD)

Lead: 410 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19

gps water.

Tail: 765 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note: Number of sacks is based on gauged hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail

volume to be calculated to bring cement to 400'± above top of Wasatch.

## 10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

## Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

## 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

## 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

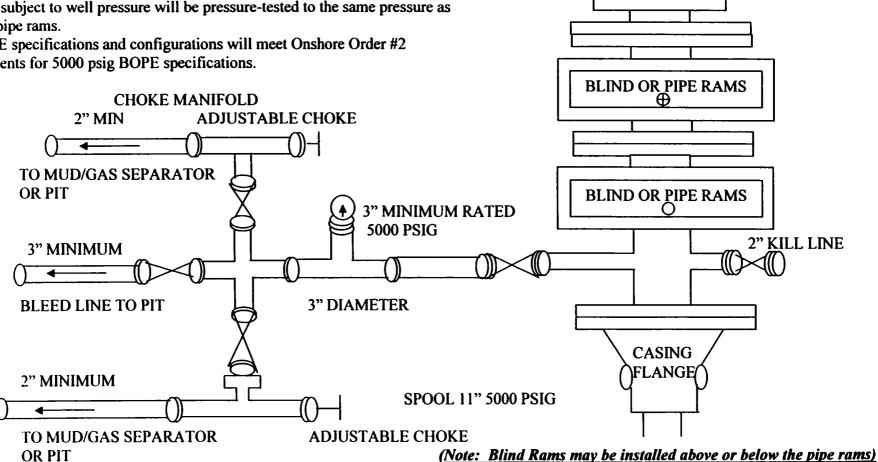
(Attachment: BOP Schematic Diagram)

#### 5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED. CASING FLANGE IS 11" 5000 PSIG RATED. BOPE 11" 5000 PSIG

## **TESTING PROCEDURE:**

- 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
- 3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
- 4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



ROTATING HEAD

FLOW LINE

ANNULAR

**PREVENTER** 

## CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Chapita Wells Unit 674-6

Lease Number:

U-01304

Location:

1760' FNL & 1995' FWL, SE/NW, Sec. 6,

T9S, R23E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

## **NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## THIRTEEN POINT SURFACE USE PROGRAM

## 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 19.15 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

## 2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.2 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

## 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

A. Producing wells - 9\*

(\*See attached TOPO map "C" for location)

## 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

## A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

## B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 1574' from proposed location to a point in the SW/NE of Section 6, T9S, R23E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands within the Chapita Wells Unit, thus a Right-of-Way grant will not be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the Southwest side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

## 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

## 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

## 7. METHODS OF HANDLING WASTE DISPOSAL

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

## On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 millimeter plastic liner.

## 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

## 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for the <u>pond</u> is:

Four-Wing Salt Bush – 3 pounds per acre Indian Rice Grass – 2 pounds per acre Needle and Thread Grass – 2 pounds per acre Hi-Crest Crested Wheat Grass – 1 pound per acre.

## The approved seed mixture for the Location is:

Gardner Salt Bush – 4 pounds per acre Shad Scale – 3 pounds per acre Hi-Crest Crested Wheat Grass – 2 pounds per acre

The reserve pit will be located on the Southeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil West of Corners B and 5. The stockpiled location topsoil will be stored between Corners #1 & #2. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the

approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the East.

Corner #6 will be rounded off to minimize excavation.

## **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

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## 10. PLANS FOR RESTORATION OF SURFACE

## A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

## B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

## 11. SURFACE OWNERSHIP

Access road: Federal Location: Federal

## 12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used.
  - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- As operator, EOG Resources, Inc. will control noxious weeds B. along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- Drilling rigs and/or equipment used during drilling operations on this well C. site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

## Additional Surface Stipulations

X No construction or drilling activities shall be conducted between May 15 and June 20 due to Antelope Stipulations.

## LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

### PERMITTING AGENT

Ed Trotter P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420

## **DRILLING OPERATIONS**

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113 Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is

made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

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A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

## Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 674-6 Well, located in the SE/NW of Section 6, T9S, R23E, Uintah County, Utah; Lease #U-01304; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

8-29-2005

Agent Agent

## EOG RESOURCES, INC.

## CWU #674-6 SECTION 6, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88: EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; PROCEED IN A SOUTHEASTERLY THEN NORTHEASTERLY DIRECTION APPROXIMATELY 2.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATLEY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATLEY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATLEY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE CWU #666-6 TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.15 MILES.

## EOG RESOURCES, INC.

CWU #674-6 LOCATED IN UINTAH COUNTY, UTAH **SECTION 6, T9S, R23E, S.L.B.&M.** 



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



Uintah Engineering & Land Surveying \$88 South 200 Fast | Vernal, Utah 84078 | 438/789/101 | neisia uelsinc.com

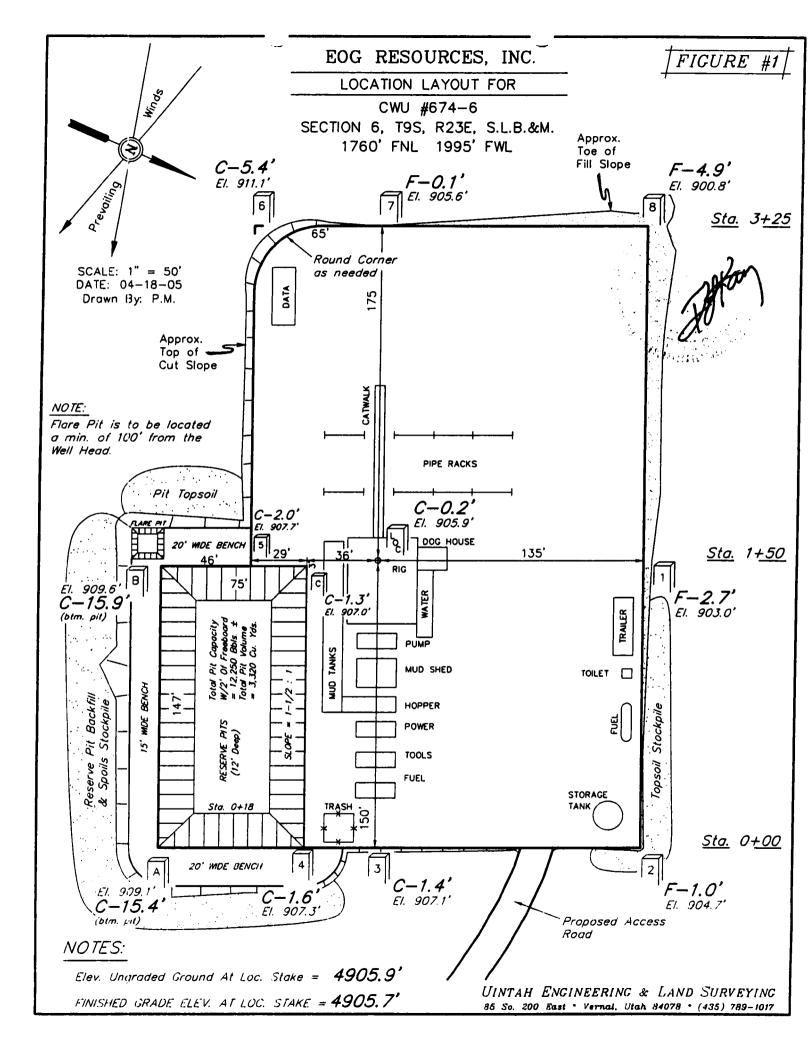
LOCATION PHOTOS

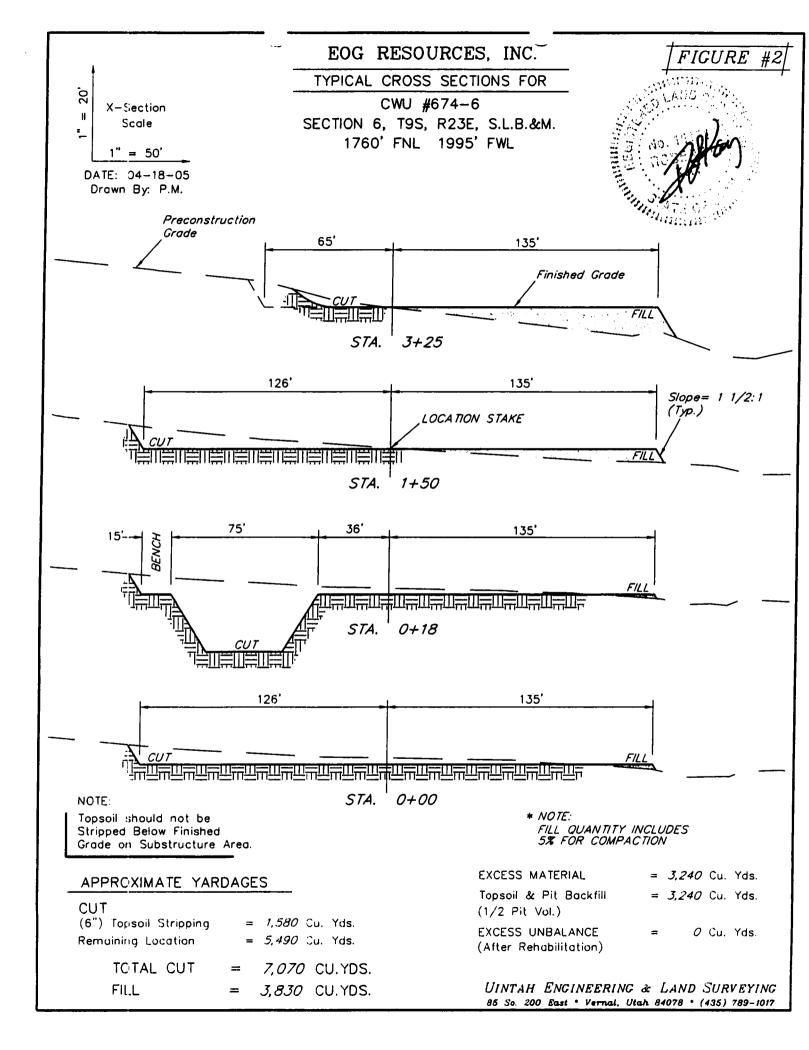
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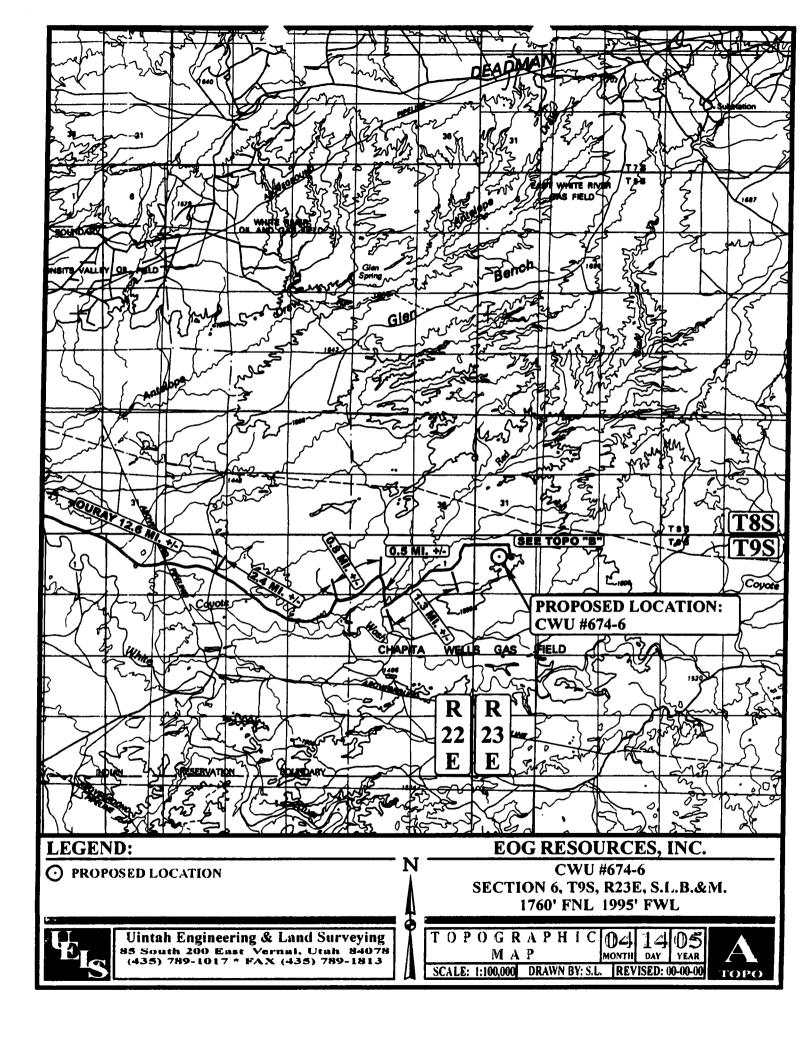
РНОТО

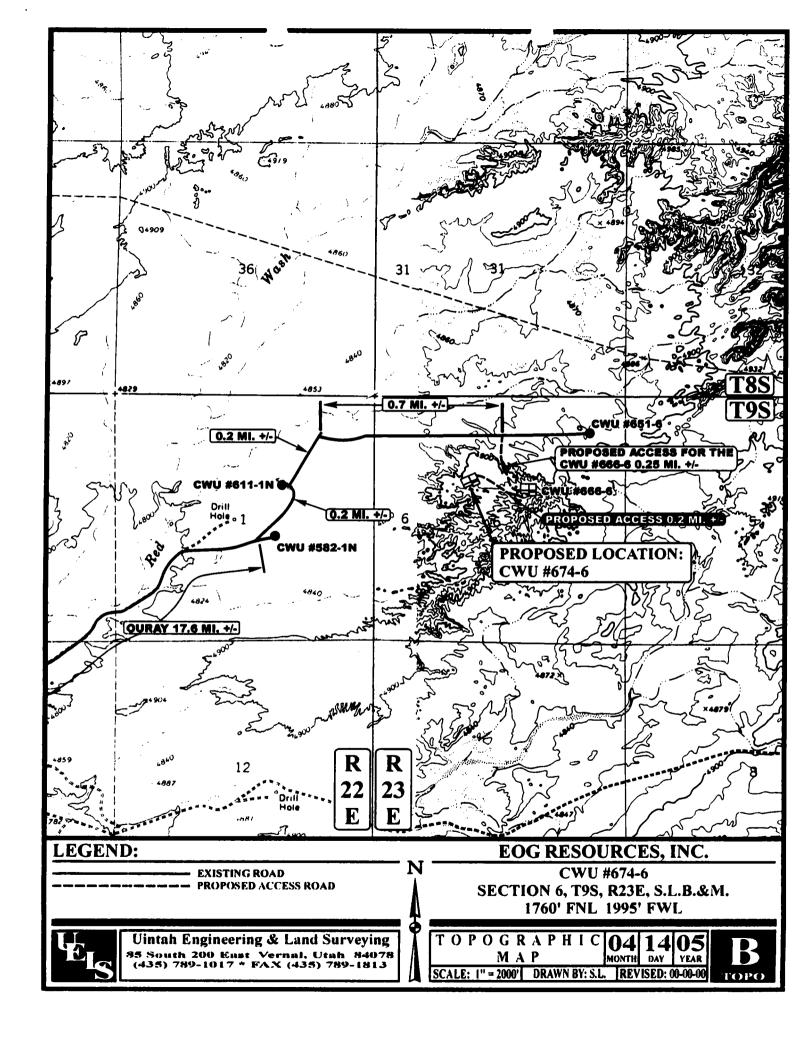
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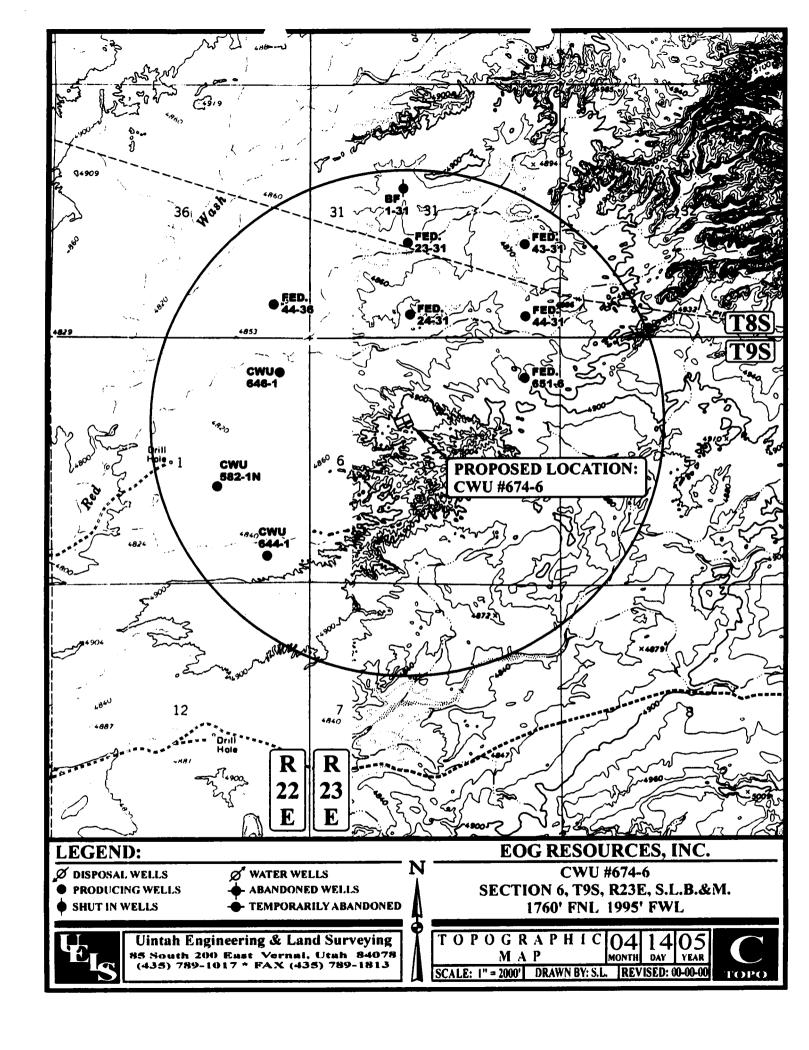
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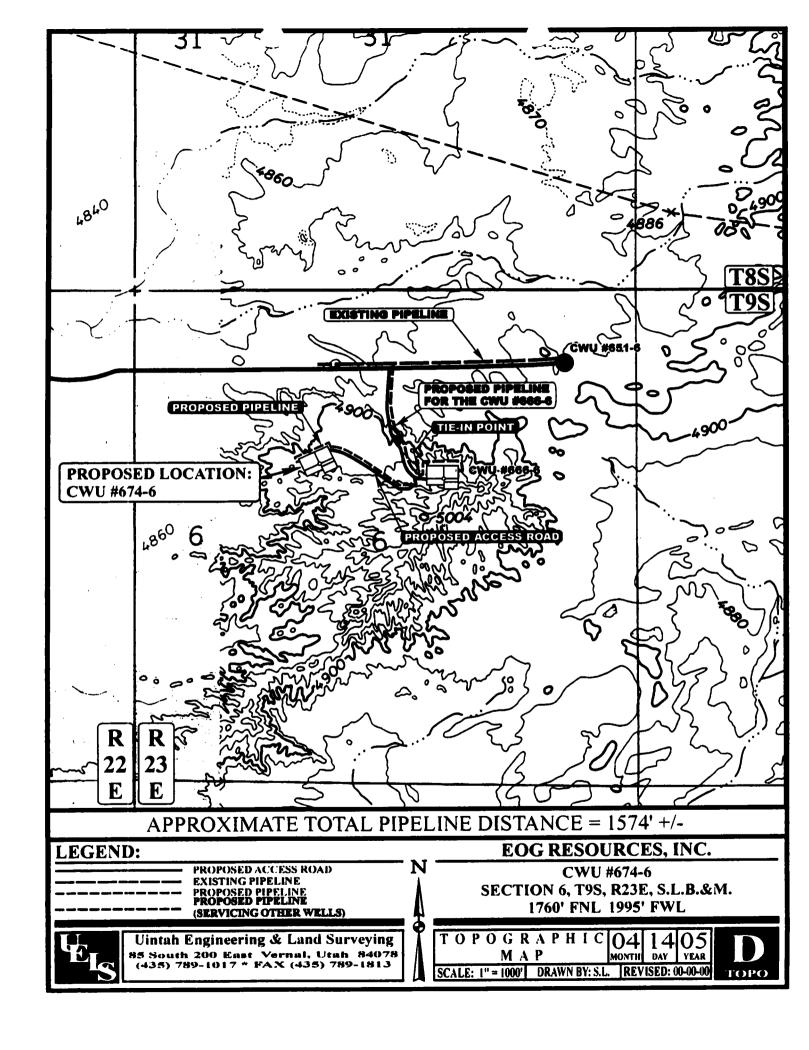






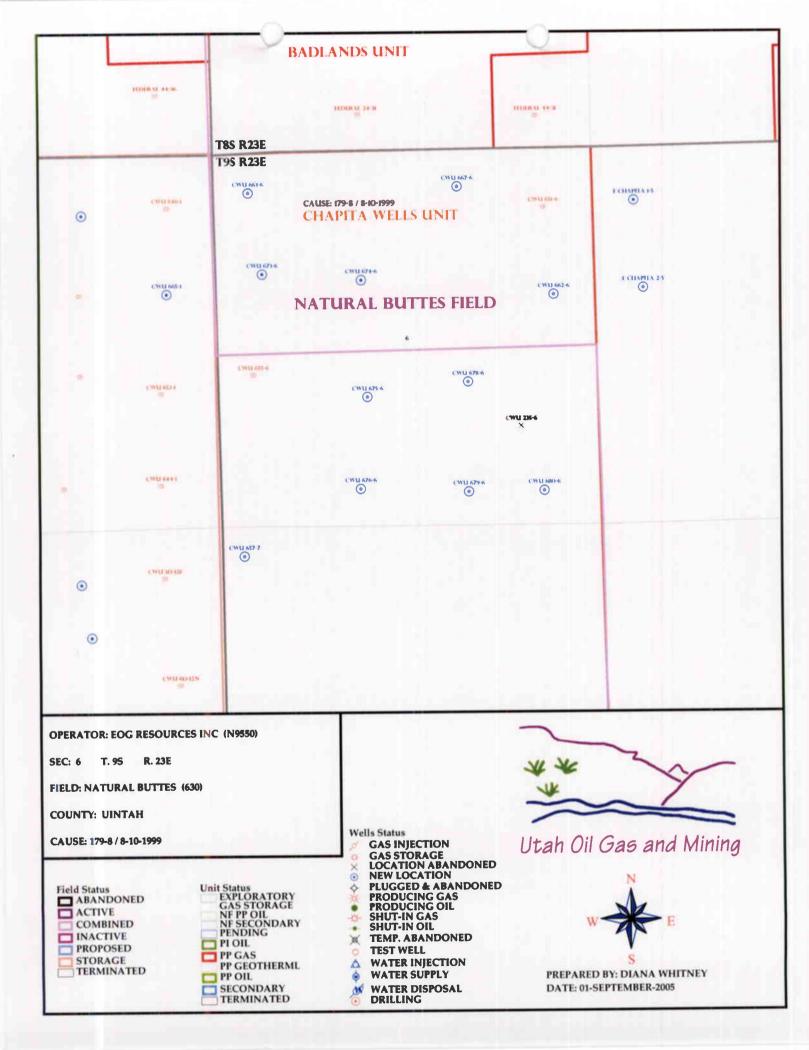






## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/31/2005	API NO. ASSIGNED: 43-047-37083		
WELL NAME: CWU 674-6  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: ED TROTTER	PHONE NUMBER: 435-789-4120		
PROPOSED LOCATION:	INSPECT LOCATN BY: / /		
SENW 06 090S 230E SURFACE: 1760 FNL 1995 FWL	Tech Review Initials Date		
BOTTOM: 1760 FNL 1995 FWL UINTAH	Engineering		
NATURAL BUTTES ( 630 )	Geology		
LEASE TYPE: 1 - Federal LEASE NUMBER: U-01304	Surface		
SURFACE OWNER: 1 - Federal PROPOSED FORMATION: PRRV COALBED METHANE WELL? NO	LATITUDE: 40.06718  LONGITUDE: -109.3711		
RECEIVED AND/OR REVIEWED:  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM-2308 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-1501 )  RDCC Review (Y/N)  (Date: )  NA Fee Surf Agreement (Y/N)  ALM Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit CHAPITA WELLS  R649-3-2. General		
STIPULATIONS: 1- Ledin O Coppens			



## **United States Department of the Interior**

## BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 1, 2005

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Price River)

43-047-37083 CWU 674-6 Sec 6 T09S R23E 1760 FNL 1995 FWL 43-047-37054 CWU 1098-29 Sec 29 T09S R23E 2069 FNL 1910 FEL 43-047-37055 CWU 968-34 Sec 34 T09S R23E 0648 FSL 0744 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

September 1, 2005

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re: Chapita Wells Unit 674-6 Well, 1760' FNL, 1995' FWL, SE NW.

Sec. 6, T. 9 South, R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37083.

Sincerely,

Gil Hunt

Associate Director

K. Michael Helestro

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources, Inc.			
Well Name & Number	Chapit	a Wells Unit 674-6		
API Number:	43-047			
Lease:		)4		
Location: SE NW	Sec. 6	T. 9 South	R. 23 East	

## **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

## 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Form 3160-3 (April 2004)

### AUG 3 0 2005 **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

5. Lease Serial No.

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T	ŢΛ	12	$\mathbf{n}_{A}$	
•	J <b>-0</b>	11.3	114	

If Indian, Allottee or Tribe Name

APPLICATION FOR PE	RMIT TO DRILL	OR REENTER
APPLICATION FOR PE	KMIT TO DRILL	OK KEENTER

REENTER	<b>I</b>	_	ement, Name and No. VELLS UNIT	
1b. Type of Well: Oil Well X Gas Well Other Single Zone X Multiple Zone			8. Lease Name and Well No. CHAPITA WELLS UNIT 674-6	
	9.		-37083	
3b. Phone No. (Include area code) (435)789-0790	4		•	
nce with any State requirements.*) SE/NW	-		, R23E,	
	l l	-	13. State UTAH	
16. No. of Acres in lease 2451	17. Spacin	g Unit dedicated to	o this well	
19. Proposed Depth 9750			ile	
22. Approximate date work will start* UPON APPROVAL		23. Esti mated 45 DA		
	3b. Phone No. (Include area code) (435)789-0790 Ince with any State requirements.*)  SE/NW  16. No. of Acres in lease 2451  19. Proposed Depth 9750*  22. Approximate date work will start*	REENTER  Single Zone X Multiple Zone  Sh. Phone No. (Include area code)  (435)789-0790  Ince with any State requirements.*)  SE/NW  SE/NW  10. Office*  12. Code of the state	REENTER  CHAPITA V  8. Lease Name and W  CHAPITA WE  9. API Well No.  3b. Phone No. (Include area code)  (435)789-0790  Ince with any State requirements.*)  SE/NW  SEC. 6, T9S  S.L.B.&N  10. Field and Pool, or Ex  NATURAL I  11. Sec., T., R., M., or Ex  SE/NW  SEC. 6, T9S  S.L.B.&N  12. County or Parish  UINTAH  16. No. of Acres in lease  2451  19. Proposed Depth  9750*  20. BLM/BIA Bond No. on final No. 2308	

- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification. SUPO shall be filed with the appropriate Forest Service Office).
- (see Item 20 above).

  - 6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed) Ed Trotter  Accepted by the	Date August 29, 2005
Title Agent	Utah Division of Oil Gas and Mining	
Approved by (Signature)	Name (Printed/Typed FOR RECORD ONLY	Date 12/22/2005
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of Approval, if any, are attached.

Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\*Instructions on page 2) WENTINGE JAF AFFINEN NO

Page 1 of 6 Well: CWU 674-6 12/16/2005



## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

170 South 500 East **VERNAL, UT 84078** (435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources. Inc.

Location:

SENW, Sec. 6, T9S, R23E

Well No: API No:

CWU 674-6

Lease No:

43-047-37083

Agreement:

UTU-01304 N/A

Petroleum Engineer: Petroleum Engineer:

Matt Baker Michael Lee Jamie Sparger

Office: 435-781-4490 Office: 435-781-4432 Office: 435-781-4502

Cell: 435-828-4470 Cell: 435-828-7875

Supervisory Petroleum Technician: **Environmental Scientist:** 

Paul Buhler

Office: 435-781-4475 Office: 435-781-4484

Cell: 435-828-3913

**Environmental Scientist:** Natural Resource Specialist: Karl Wright Holly Villa

Office: 435-781-4404

Cell: 435-828-4029

Natural Resource Specialist:

Melissa Hawk After hours contact number: (435) 781-4513

Office: 435-781-4476 FAX: (435) 781-4410

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

## NOTIFICATION REQUIREMENTS

**Location Construction** (Notify Paul Buhler)

- Forty-Eight (48) hours prior to construction of location and

access roads.

**Location Completion** (Notify Paul Buhler)

- Prior to moving on the drilling rig.

**Spud Notice** (Notify PE)

- Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing (Notify SPT

- Twenty-Four (24) hours prior to running casing and

cementing) all casing strings.

**BOP & Related Equipment Tests** (Notify SPT)

- Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice

(Notify PE)

- Within Five (5) business days after new well begins or production resumes after well has been off production for

more than ninety (90) days.

Page 2 of 6 Well: CWU 674-6 12/16/2005

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
- As a Best Management Practice (BMP), the pipeline will be buried within the identified
  construction width of an access corridor that contains the access road and pipelines.
  Exceptions to this BMP may be granted where laterally extensive, hard indurated
  bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a
  poor history of successful rehabilitation).
- Prior to abandonment of a buried pipeline, the operator will obtain authorization from the appropriate regulatory agency. BLM will determine whether the pipeline and all above ground pipeline facilities shall be removed and unsalvageable materials disposed of at approved sites or abandoned in place. Reshaping and revegetation of disturbed land areas will be completed where necessary.
- During interim management of the surface, use the following seed mix:
   9 lbs of Hycrest Crested Wheatgrass & 3 lbs of Kochia prostrate.
- This location will require paleontological monitoring of the access road where it intersects the known fossil locality 42UN1798v. Also, a paleontological monitoring will be needed for the well location.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.

Page 3 of 6 Well: CWU 674-6 12/16/2005

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil and Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

• Variance granted for O.O.#2 III E.1.: Blooie line can be <100'

## DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in
  the daily drilling report. Components shall be operated and tested as required by
  Onshore Oil and Gas Order No. 2 to insure good mechanical working order. All BOPE
  pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the
  rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil and Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

Page 4 of 6 Well: CWU 674-6 12/16/2005

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR ' 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
  written report requirement. Any additional construction, reconstruction, or alterations of
  facilities, including roads, gathering lines, batteries, etc., which will result in the
  disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
  Oil and Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
  Office.
- In accordance with 43 CFR ' 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Worland Field Office.
- Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welliogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports will be
  submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the

Page 5 of 6 Well: CWU 674-6 12/16/2005

API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil and Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil and Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil and Gas Order No. 3.
- This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
   "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil and Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method should be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Page 6 of 6 Well: CWU 674-6 12/16/2005

Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

ſ	5 LEASE DESIGNATION AND SERIAL NUMBER U-01304		
SUNDRY	6 IF INDIAN, ALLOTTEE OR TRIBE NAME		
Do not use this form for proposals to drill no drill horizontal la	7 UNIT OF CA AGREEMENT NAME CHAPITA WELLS UNIT		
1 TYPE OF WELL OIL WELL	GAS WELL OTHER_		8 WELL NAME and NUMBER CHAPITA WELLS UNIT 674-6
2 NAME OF OPERATOR			9 API NUMBER
EOG RESOURCES, INC.			43-047-37083
3 ADDRESS OF OPERATOR 1060 East Highway 40	VERNAL UT	84078 PHONE NUMBER (435) 789-0790	10 FIELD AND POOL OR WILDCAT NATURAL BUTTES
4 LOCATION OF WELL FOOTAGES AT SURFACE 1760 F	FNL 1995 FWL 40.067169 LAT 10	09.371764 LON	COUNTY UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN SENW 6 9S 2	3E S.L.B. & M	STATE UTAH
11 CHECK APPF	ROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	1	TYPE OF ACTION	
	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Onginal Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER APD EXTENSION
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	REQUEST
	OMPLETED OPERATIONS Clearly show all p		
EOG Resources, Inc. resp	pectfully requests the APD for the	e referenced well be extended for	r one year.
	Ap	proved by the tah Division of	
	Üi	tah Division of	
	Oil,	Gas and Mining	
	Ç <b>,</b>		
	Date:	OCP-07-000	
	By:		
	Бу		10 B106
			15,06
		<i>&gt;&gt;</i>	
NAME (PLEASE PRIN") Kaylene F	R. Gardner	TITLE Sr. Regulatory A	ssistant
	1.	8/24/2006	
SIGNATURE	#(Couche)	DATE 0/24/2000	
(This space for State use only)			

AUG 2 9 2006

) C 024 - 17. 2

CEMED

### Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-37083  Well Name: CHAPITA WELLS UNIT 674-6  Location: 1760 FNL 1995 FWL (SENW), SECTION 6, T9S, R23E S.L.B.&M  Company Permit Issued to: EOG RESOURCES, INC.  Date Original Permit Issued: 9/1/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
8/24/2006 Date
Signature
Title: SR. REGULATORY ASSISTANT
Representing: EOG RESOURCES, INC.

Form 3160-5 (February 2005)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPRO OM B No. 000 Expires: March	VED 1200C	FI	V	F	n
Serial No.			•	<b>-</b>	IJ

5. Lease S

NOV 2 1 2006

	osals to drill or to re-enter an 60 - 3 (APD) for such proposals.	6. If Indian, Allottee or Tribe Name 2 2 200	
SUBMIT IN TRIPLICATE- Oth	7. If Unit or CA/Agreement, Nanasador Nov		
1. Type of Well	8. Well Name and No.		
2. Name of Operator EOG Resources, Inc.		Chapita Wells Unit 674-6  9. API Well No.	
3a Address 1060 East Highway 40 Vernal, Ut 84078	3b. Phone No. (include area code) 435-781-9111	43-047-37083  10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Des	cription)	Natural Buttes	
1760' FNL & 1995' FWL (SE/NW)		11. County or Parish, State	
Sec. 6-T9S-R23E 40.067169 LAT 109.371764 LON		Uintah County, Utah	
12. CHECK APPROPRIATE BOX	(ES) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION		
Notice of Intent  Subsequent Report  Final Abandonment Notice  Acidize  Alter Casing  Casing Repair  Change Plans  Convert to Inject	Fracture Treat Reclamation New Construction Recomplete Plug and Abandon Temporarily	***************************************	
Attach the Bond under which the work will be performed following completion of the involved operations. If the	te all pertinent details, including estimated starting date on nonizontally, give subsurface locations and measured and or provide the Bond No. on file with BLM/BIA. Requiperation results in a multiple completion or recompletic is must be filed only after all requirements, including recompletions.	true vertical depths of all pertinent markers and zones. uired subsequent reports must be filed within 30 days on in a new interval, a Form 3160-4 must be filed once	
EOG Resources, Inc. requests the APD for the	referenced well originally approved 12/22/2005 b	e extended for one year.	

**RECEIVED** DEC 2 1 2006

				W. Ac A	
14. I hereby certify that the foregoing is true a Name (Printed/Typed)	nd correct		<del></del>	IV. OF OIL, GAS &	MINING
Kaylene R. Gardner	Title	Sr. Regulatory Assistant			
Signature	Date	11/20/2	006		
THIS SF	ACE FOR FEDERAL OR	STATE OFFICE US			
Approved by	illen	Petroleum Engin	eer Date	DEC 1 8 200	)E
Conditions of pproval, if any, are attached. Approcertify that the applicant holds legal or equitable tit which would entitle the applicant to conduct operations.	le to those rights in the subject lease	Office			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section States any false fictitious or fraudulent statements			e to any depar	rtment or agency of the	United

(Instructions on page 2)



CONDITIONS OF APPROVAL ATTACHED

## **CONDITIONS OF APPROVAL**

## EOG Resources, Inc.

## Notice of Intent APD Extension

Lease:

U-01304

Well:

CWU 674-6

Location:

SENW Sec 6-T9S-R23E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 12/22/07.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Jim Ashley of this office at (435) 781-4470.

Form 3160-5 (February 2005)

1. Type of Well

3a. Address

2. Name of Operator

### **UNITED STATES** DEPARTMENT OF THE

## FORM APPROVED **BUREAU OF LAND MAN**

### SUNDRY NOTICES AND RE

_	DEPARTMENT OF THE BUREAU OF LAND MAN				I	Expires: March 31, 2007
			5. Lease Serial No. U-01304			
Do not use th	NOTICES AND REF is form for proposals t ell. Use Form 3160-3 (A	o drill or to	re-ente	r an		Allottee or Tribe Name
SUBMIT IN TRI	IPLICATE- Other instr	ructions on r	everse :	side.		CA/Agreement, Name and/or No. Wells Unit
Type of Well Oil Well	Gas Well Other				8. Well Nam	e and No.
. Name of Operator EOG Resou	ırces, Inc.				Chapita  9. API Well	Wells Unit 674-6  No.
Address 600 17th Street, Suite 1000N, I	Denver, CO 80202	3b. Phone No. ( 303-262-281		code)	43-047-3 10. Field and	Pool, or Exploratory Area
Location of Well (Footage, Sec.,	T., R., M., or Survey Description)	<del></del>	-		Natural	Buttes/Wasatch
1,760' FNL & 1,995' FWL (SE					11. County of	r Parish, State
Sec. 6-T9S-R23E 40.067169 L.					Uintah (	County, Utah
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE N			EPORT, OR	OTHER DATA
TYPE OF SUBMISSION			TYPE O	F ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Trea		Production (Sta Reclamation	rt/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Constru		Recomplete		Other
Final Abandonment Notice	Change Plans Plug and Abandon Temporarily Abandon  Convert to Injection Plug Back Water Disposal					
If the proposal is to deepen dire Attach the Bond under which t	ectionally or recomplete horizontal he work will be performed or prov volved operations. If the operation inal Abandonment Notices must be	ly, give subsurface ride the Bond No. or results in a multip	locations and on file with Electronic completion	d measured and tru BLM/BIA. Require n or recompletion i	ie vertical depths ed subsequent re n a new interval	, a Form 3160-4 must be filed once
EOG Resources, Inc requ	ests authorization to change t	he TD for the re	erenced w	ell,		
From: 9750'						
To: 7700' A revised drilling plan is attached.				Accept Utsh I Oil, Gas FOR HE	ted by the Division ( and Min	ning
				FOR RE	COMP	
14. Thereby certify that the fore Name (Printed/Typed)	egoing is true and correct					
Carrie MacDon	ald		Title Oper	ations Clerk		
Signature C	The	2	Date	(	07/16/2007	

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Carrie MacDonald	Title Operations Cl	erk	
Signature Commandation	Date	07/16/2007	
THIS SPACE FOR FED	ERAL OR STATE OF	FICE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not certify that the applicant holds legal or equitable title to those rights in the st which would entitle the applicant to conduct operations thereon.	ot warrant or ubject lease Office		
=14 10 110 C C 4 1212	C	willfully to make to say department or oran	of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. RECEIVED

(Instructions on page 2)

JUL 1 9 2007

## CHAPITA WELLS UNIT 674-06 SE/NW, SEC. 6, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River FM	2,038			
Wasatch	5,042	Primary	Sandstone	Gas
Chapita Wells	5,651	Primary	Sandstone	Gas
Buck Canyon	6,278	Primary	Sandstone	Gas
North Horn	6,970	Primary	Sandstone	Gas
Island	7,490	Primary	Sandstone	Gas
TD	6,570			<u> </u>

Estimated TD: 7,700' or 200'± below Island top

Anticipated BHP: 3,805 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

### 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 ½"	0 – 45'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	Surface- 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/4" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

## CHAPITA WELLS UNIT 674-06 SE/NW, SEC. 6, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

### 5. Float Equipment:

## Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

## Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

### 6. MUD PROGRAM

### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

### 7. VARIANCE REQUESTS:

## Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

## CHAPITA WELLS UNIT 674-06 SE/NW, SEC. 6, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

### 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

### 9. **CEMENT PROGRAM:**

### Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3

1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

### Production Hole Procedure (2300'± - TD)

Lead: 156 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19

gps water.

**Tail:** 555 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to  $200^{\circ}\pm$  above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to  $400^{\circ}\pm$  above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

## CHAPITA WELLS UNIT 674-06 SE/NW, SEC. 6, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

### 10. ABNORMAL CONDITIONS:

### Surface Hole (Surface - 2300'±):

Lost circulation

### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

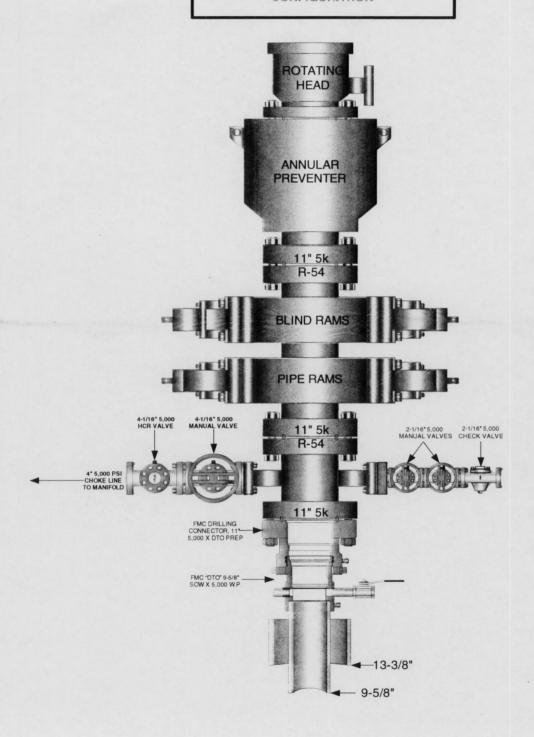
### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

### 12. HAZARDOUS CHEMICALS:

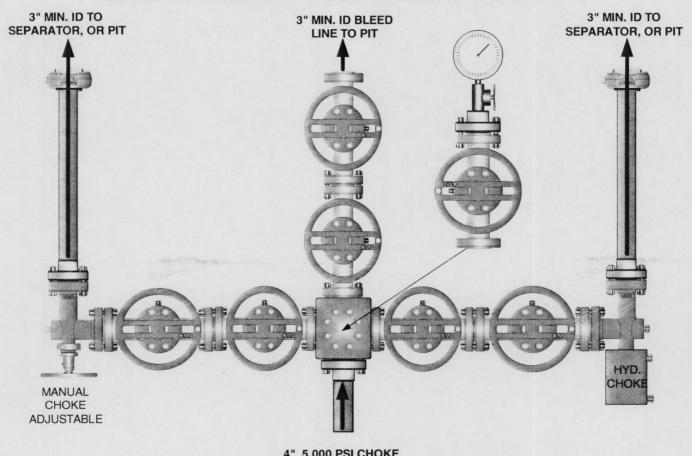
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)



### PAGE 2 0F 2

# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES



### 4" 5,000 PSI CHOKE LINE FROM HCR VALVE

### Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

STATE OF UTAH	1 311111					
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-01304					
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: CHAPITA WELLS UNIT					
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 674-6					
2. NAME OF OPERATOR: EOG RESOURCES, INC.	9. API NUMBER: 43-047-37083					
3. ADDRESS OF OPERATOR: 1060 East Highway 40 CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 789-0790	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES					
4. LOCATION OF WELL	<u> </u>					
FOOTAGES AT SURFACE: 1760 FNL 1995 FWL 40.067169 LAT 109.371764 LON	COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 6 9S 23E S.L.B. & M	STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA					
TYPE OF SUBMISSION TYPE OF ACTION						
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION					
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL					
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON					
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR					
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE					
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL					
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF					
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: APD EXTENSION REQUEST					
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	REQUEST					
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.  Approved by the Utah Division of Oil, Gas and Mining  Date: Described Proposed Section 1.1.  By:						
NAME (PLEASE PRINT) Kaylene R. Gardner TITLE Lead Regulatory	Assistant					
0/6/2007						

(This space for State use only)

**RECEIVED** SEP 1 1 2007

## Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:

43-047-37083

Well Name: CHAPITA WELLS UNIT 674-6	
Location: 1760 FNL 1995 FWL (SENW), SECTION 6, T9S, R	23E S.L.B.&M
Company Permit Issued to: EOG RESOURCES, INC.  Date Original Permit Issued: 9/1/2005	
Date Original Permit Issued. 9/1/2003	
The undersigned as owner with legal rights to drill on the above, hereby verifies that the information as submitted i approved application to drill, remains valid and does not	n the previously
Following is a checklist of some items related to the appliverified.	ication, which should be
If located on private land, has the ownership changed, if agreement been updated? Yes ☐ No ☐	so, has the surface
Have any wells been drilled in the vicinity of the proposed the spacing or siting requirements for this location? Yes[	
Has there been any unit or other agreements put in place permitting or operation of this proposed well? Yes□No.	
Have there been any changes to the access route includ of-way, which could affect the proposed location? Yes□	ing ownership, or right- No ☑
Has the approved source of water for drilling changed?	∕es□No⊠
Have there been any physical changes to the surface loc which will require a change in plans from what was discuevaluation? Yes□No☑	cation or access route issed at the onsite
Is bonding still in place, which covers this proposed well?	? Yes⊠No□
	)/10/2 <b>007</b>
Dayword Danish	
Signature \	Date
Title: Lead Regulatory Assistant	
Representing: EOG Resources, Inc.	

RECEIVED SEP 1 1 2007

## DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Company: <b>EOG Resou</b>	ırces, Inc		
Well Name: <u>CWU 674-6</u>			
API No: 43-047-37083	Lease Ty	ype: Federal	_
Section 06 Township 09S	Range_23ECount	y <b>Uintah</b>	
Drilling Contractor Craig's Ro	oustabout Services	Rig # Rathole	
SPUDDED:			
Date <u>10-18-07</u>			
Time	···		
How_ <b>Dry</b>			
Drilling will Commence:_			
Reported by Les	- Mary Color		
Telephone #_435-828-0646		M-0	
Date 10-\9-07	Signe	d <u>RM</u>	

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

	JREAU OF LAND MANA			5. Lease Serial No.	
Do not use thi	NOTICES AND REPO s form for proposals to	drill or to re-enter a	n	UTU01304	T 1 N
abandoned wel	l. Use form 3160-3 (AP	D) for such proposa	ls.	6. If Indian, Allottee	or Tribe Name
SUBMIT IN TRII	PLICATE - Other instruc	ctions on reverse si	de.	7. If Unit or CA/Agre CHAPITA WEL	eement, Name and/or No. LS UNI
1. Type of Well ☐ Oil Well  ☐ Gas Well ☐ Oth	er			8. Well Name and No CHAPITA WELL	
2. Name of Operator EOG RESOURCES, INC.	Contact: E-Mail: carrie_mad	CARRIE E MACDON cdonald@eogresources	NALD .com	9. API Well No. 43-047-37083	
3a. Address 600 17TH STREET, SUITE 10 DENVER, CO 80202	000N	3b. Phone No. (include Ph: 303-262-2812 Fx: 303-262-2813	area code)	10. Field and Pool, or NATURAL BUT	r Exploratory TTES/WASATCH
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description	)		11. County or Parish,	and State
Sec 6 T9S R23E SENW 1760 40.06717 N Lat, 109.37176 W				UINTAH COUN	NTY COUNTY, UT
12. CHECK APPE	ROPRIATE BOX(ES) TO	O INDICATE NATU	RE OF NOTIC	E, REPORT, OR OTHE	ER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	ON	
C Nation of Intent	☐ Acidize	□ Deepen	☐ Pr	oduction (Start/Resume)	■ Water Shut-Off
☐ Notice of Intent	☐ Alter Casing	☐ Fracture Tre	at 🔲 Re	eclamation	☐ Well Integrity
Subsequent Report     ■     Subsequent Report     Subsequent Report	☐ Casing Repair	■ New Constr	uction 🔲 Re	complete	Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Ab	andon 🔲 Te	mporarily Abandon	Well Spud
_	☐ Convert to Injection	☐ Plug Back	o w	ater Disposal	
following completion of the involved testing has been completed. Final At determined that the site is ready for f	pandonment Notices shall be fil inal inspection.)	led only after all requirem	ents, including recla	mation, have been completed	, and the operator has
14. I hereby certify that the foregoing is	Electronic Submission	#56843 verified by the RESOURCES, INC., so	BLM Well Informent to the Vernal	ation System	
Name (Printed/Typed) CARRIE	MACDONALD	Title	OPERATIONS	CLERK	
Signature (Electronic S	Submission)	Date	10/22/2007		
	THIS SPACE F	OR FEDERAL OR	STATE OFFIC	E USE	
Approved By		Title_			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to conditions.	uitable title to those rights in th	s not warrant or le subject lease Office			
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any person kno	wingly and willfull	y to make to any department of	or agency of the United

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

### **ENTITY ACTION FORM**

zip 80202

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

state CO

Phone Number: (303) 262-2812

Well 1

Well	Name	QQ	Sec	Twp	Rng	County
EAST CHAPITA 14-	23Z	SWSE	23	98	23E	UINTAH
Current Entity Number	New Entity Number	\$	pud Da	te		ity Assignment ffective Date
99999	16439	1	0/10/20	07	10	131 107
29/100 =						
	EAST CHAPITA 14- Current Entity Number 99999	Number         Number           99999         16439	Current Entity Number  99999  10439  SWSE	EAST CHAPITA 14-23Z  Current Entity Number  99999    Coff 39	Current Entity Number         New Entity Number         Spud Date           99999         10/10/2007	EAST CHAPITA 14-23Z SWSE 23 9S 23E  Current Entity Number Spud Date Entity Number 10/10/2007 / / / / / / / / / / / / / / / / / /

County	Rng	Twp	Sec	QQ	Name	Well	API Number
UINTAH	23E	98	6	SENW	NIT 674-6	CHAPITA WELLS U	43-047-37083
Assignment		e	oud Dat	S	New Entity Number	Current Entity Number	Action Code
31/07	10/	)7	0/18/200	10	16440	99999	Α
<u></u>	10/	)7	0/18/200	10	16440	99999 V = M V RD	A Comments:

Well 3

		Name	QQ	Sec	Twp	Rng	County
43-047-36240	CHAPITA WELLS UN	NIT 984-9	NESW	9	98	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Sı	pud Dat	te		y Assignment fective Date
#B	99999	13650	10	0/19/200	07	10	131/07

BLKHK = MVRD

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Carrie MacDonald

Name (Please Print)

Signature

**Operations Clerk** 

10/23/2007

Title

RECEIVED

OCT 2 4 2007

(5/2000)

DIV. OF OIL GAS & MINING

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

Do not use thi	NOTICES AND REPO s form for proposals to l. Use form 3160-3 (API	drill or to re-enter an	5. Lease serial No. UTU01304  6. If Indian, Allottee	or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse side.	7. If Unit or CA/Agr CHAPITA WEI	eement, Name and/or No. LLS UNI
Type of Well     Oil Well	er		8. Well Name and No CHAPITA WELL	
2. Name of Operator EOG RESOURCES, INC.	Contact:	CARRIE E MACDONALD conald@eogresources.com	9. API Well No. 43-047-37083	
3a. Address 600 17TH STREET, SUITE 10 DENVER, CO 80202	000N	3b. Phone No. (include area code Ph: 303-262-2812 Fx: 303-262-2813	10. Field and Pool, on NATURAL BU	or Exploratory TTES/WASATCH
4. Location of Well (Footage, Sec., T	, R., M., or Survey Description		11. County or Parish	, and State
Sec 6 T9S R23E SENW 1760 40.06717 N Lat, 109.37176 W			UINTAH COU	NTY COUNTY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE NATURE OF	NOTICE, REPORT, OR OTH	ER DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	
- Notice of Indent	☐ Acidize	□ Deepen	☐ Production (Start/Resume)	■ Water Shut-Off
Notice of Intent     ■	☐ Alter Casing	☐ Fracture Treat	□ Reclamation	■ Well Integrity
☐ Subsequent Report	□ Casing Repair	■ New Construction	□ Recomplete	Other
☐ Final Abandonment Notice	Change Plans	□ Plug and Abandon	□ Temporarily Abandon	
_	Convert to Injection	□ Plug Back	Water Disposal	
testing has been completed. Final Aidetermined that the site is ready for form to any of the following location.  1. Natural Buttes Unit 21-20B 2. Chapita Wells Unit 550-301 3. Ace Disposal	bandonment Notices shall be fil inal inspection.) s authorization for dispos ns. SWD	al of produced water from the	he	d, and the operator has
4. RN Industries		Oil, Gas and Mil	ning	
		FOR RECORD (	DNLY	
14. I hereby certify that the foregoing i	Electronic Submission	#56842 verified by the BLM We RESOURCES, INC., sent to the	ell Information System e Vernal	
Name (Printed/Typed) CARRIE	E MACDONALD	Title OPER	ATIONS CLERK	
Signature (Electronic	Submission)	Date 10/22/	2007	
	THIS SPACE F	OR FEDERAL OR STATE	OFFICE USE	
Approved By		Title		Date
Conditions of approval, if any, are attach certify that the applicant holds legal or ex which would entitle the applicant to conditions.	quitable title to those rights in th	es not warrant or ne subject lease Office		
Title 18 U.S.C. Section 1001 and Title 43	3 U.S.C. Section 1212, make it	a crime for any person knowingly a	nd willfully to make to any department	or agency of the United

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUPPLIED

OCT 2 4 2007

Form 3160-5 (August 2007)

### UNITED STATES DEPA: BURE

AU OF LAND MANAGEMENT  5. Lea
RTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5. Lease Serial No. UTU01304
6 If Indian Allottee or Tribe Name

	NO LICES WAD REPO		01001304	
Do not use thi abandoned wel	is form for proposals to II. Use form 3160-3 (AF	o drill or to re-enter an PD) for such proposals.	6. If Indian, Allottee	or Tribe Name
SUBMIT IN TRI	PLICATE - Other instru	ctions on reverse side.	7. If Unit or CA/Agr CHAPITA WE	reement, Name and/or No. LLS UNI
Type of Well     Oil Well	ner		8. Well Name and No CHAPITA WELL	). .S UNIT 674-06
Name of Operator     EOG RESOURCES INC	Contact:	MARY A. MAESTAS estas@eogresources.com	9. API Well No. 43-047-37083	
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No. (include area code Ph: 303-824-5526		or Exploratory TTES/WASATCH
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description	n)	11. County or Parish	, and State
Sec 6 T9S R23E SENW 1760 40.06717 N Lat, 109.37176 W			UINTAH COU	NTY, UT
12. CHECK APPR	ROPRIATE BOX(ES) TO	O INDICATE NATURE OF	NOTICE, REPORT, OR OTHI	ER DATA
TYPE OF SUBMISSION		TYPE O	FACTION	
	☐ Acidize	Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
_	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fi The referenced well was turne report for drilling and completion	k will be performed or provide operations. If the operation re andonment Notices shall be fil nal inspection.)  ed to sales on 1/16/2008. on operations performed	e the Bond No. on file with BLM/BIA sults in a multiple completion or rec- led only after all requirements, include  Please see the attached oper	red and true vertical depths of all pert  A. Required subsequent reports shall b  completion in a new interval, a Form 31  ling reclamation, have been completed  rations summary	e filed within 30 days 60-4 shall be filed once
14. I hereby certify that the foregoing is	true and correct.  Electronic Submission For EOG	#58126 verified by the BLM Wel RESOURCES INC, sent to the	l Information System Vernal	
Name(Printed/Typed) MARY A. I	MAESTAS	Title REGUL	ATORY ASSISTANT	
Signature \( \( \sum_{\text{\textit{Tigg:gronic}}} \)	Abmission Valla	Date 01/18/2	008	
	THIS SPACE FO	OR FEDERAL OR STATE	OFFICE USE	
Approved By		Title		Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED/ED

Office

JAN 2 2 2008

### WELL CHRONOLOGY REPORT

Report Generated On: 01-17-2008

Well Name	CWU 674-06	Well Type	DEVG	Division	DENVER
Field	CHAPITA WELLS UNIT	API#	43-047-37083	Well Class	1SA
County, State	UINTAH, UT	Spud Date	11-05-2007	Class Date	01-16-2008
Tax Credit	N	TVD / MD	7,700/ 7,700	Property #	056051
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/ 0
KB / GL Elev	4,918/ 4,906				
Location	Section 6, T9S, R23E, SENV	V, 1760 FNL & 199	5 FWL		

DRILL & COMPLETE

Operator	EO	G RESOURC	ES, INC	WI %	54.	86		NRI %		46.657	
AFE No		303258		AFE Total		1,281,800		DHC/	CWC	652,7	700/ 629,100
Rig Contr	ENS	IGN	Rig Nam	e ENSI	GN #81	Start Date	09-	-14-2005	Release	Date	11-12-2007
09-14-2005	R	eported By	E	D TROTTER							
DailyCosts: Da	rilling	\$0		Co	mpletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Co	mpletion	\$0		Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR De	e <b>pth</b> : 0.0	0

Activity at Report Time: LOCATION DATA

1.0

**Event No** 

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

1760' FNL & 1995' FWL (SE/NW)

SECTION 6, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.067169, LONG 109.371764 (NAD 83) LAT 40.067206, LONG 109.371083 (NAD 27)

Description

RIG: ENSIGN #83

OBJECTIVE: 7700' TD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT DD&A: NATURAL BUTTES

NATURAL BUTTES FIELD

LEASE: U-01304

ELEVATION: 4905.9' NAT GL, 4905.7' PREP GL(DUE TO ROUNDING PREP WILL BE 4906'), 4918' KB (12')

EOG WI 54.8604%, NRI 46.657031%

10-09-2007

Reported By

TERRY CSERE

DailyCosts: Drilling	\$38,000	Com	pletion	\$0		•	Total	\$38,000	
Cum Costs: Drilling	\$38,000	Com	pletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBT	<b>D</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report T	ime: BUILD LOCA	ΓΙΟΝ							
Start End	_	Description							
06:00 06:00	24.0 LOCATIO	ON STARTED.							
10-10-2007 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$38,000	Com	pletion	\$0		Daily	Total	\$38,000	
Cum Costs: Drilling	\$38,000	Com	pletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	TVD	0 Progress	0	Days	o	$\mathbf{MW}$	0.0	Visc	0.0
Formation :	PBT	<b>D</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report T	ime: BUILD LOCA	ΓΙΟΝ							
Start End	Hrs Activity	Description							
06:00 06:00	24.0 LOCATIO	ON 10% COMPLETE.							
10-11-2007 R	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000		- pletion	\$0		Well		\$38,000	
			-						0.0
_		0 Progress	0	Days	0	MW	0.0	Visc	0.0
<b>MD</b> 0	TVD	0 Progress	0	Days Perf :	0	MW	0.0 PKR Dei	Visc	0.0
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DailyCosts: Drilling	\$0		Compl		\$0		•	Total	\$0	
Cum Costs: Drilling	\$38,000		Compl		\$0		Well '		\$38,000	
<b>MID</b> 0	TVD		ogress	0	Days	0	MW	0.0	Visc	0.0
formation :		BTD: 0.0			Perf:			PKR De	<b>pth:</b> 0.0	
ctivity at Report Ti	me: BUILD LOC	CATION								
tart End 06:00 06:00		ity <b>Descript</b> i ING OUT PIT								
	eported By		CSERE							
DailyCosts: Drilling	\$0		Compl	etion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000		Compl	etion	\$0		Well '	Total	\$38,000	
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ormation :	PI	BTD: 0.0	•		Perf:			PKR De	<b>pth:</b> 0.0	
activity at Report Ti	me: BUILD LOC	CATION								
start End	Hrs Activi	ity Descript	ion							
06:00 06:00	24.0 PUSHI	ING OUT PIT								
0-19-2007 Re	eported By	TERRY	CSERE							_
ailyCosts: Drilling	\$0		Compl	etion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000		Compl	etion	\$0		Well '	Total	\$38,000	
<b>1D</b> 0	TVD	0 <b>Pr</b>	ogress	0	Days	0	MW	0.0	Visc	0.0
ormation :	PI	BTD: 0.0			Perf:			PKR De	<b>pth:</b> 0.0	
activity at Report Ti	me: BUILD LOC	CATION								
Start End	Hrs Activi	ity Descripti	ion							
06:00 06:00	24.0 PUSHI	ING OUT PIT								
0-20-2007 Re	eported By	KAYLI	ENE GARDNI	ER						
DailyCosts: Drilling	<b>\$</b> 0		Compl	etion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000		Compl		\$0		Well '		\$38,000	
<b>AD</b> 40	TVD	40 <b>Pr</b>	ogress	0	Days	0	MW	0.0	Visc	0.0
ormation :		BTD: 0.0	<b>9</b>		Perf:			PKR De		
ctivity at Report Ti								-1	•	
tart End		ity Descripti	ion							
06:00 06:00	24.0 CRAIC CEME	G'S ROUSTAI INT TO SURF	BOUT SERVI ACE WITH R	EADY I		ARNES NO			OF 14" COND LS W/UDOGM	
0-22-2007 Re	eported By	KAYLI	ENE GARDNI	ER						
DailyCosts: Drilling	\$0		Compl	etion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000		Compl	etion	\$0		Well '	Total	\$38,000	
<b>MID</b> 40	TVD	40 <b>Pr</b>	ogress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PI	<b>BTD</b> : 0.0			Perf:			PKR De	<b>pth:</b> 0.0	
ctivity at Report Ti	me: BUILD LOC	CATION								
Start End	Hrs Activi	ity Descripti	ion							
23114										

11-01-2007	Re	ported By	JE	RRY BARNES							
DailyCosts: D	rilling	\$19	5,547	Con	pletion	\$0		Daily	Total	\$195,547	
Cum Costs: D	rilling	\$23	3,547	Con	pletion	\$0		Well 7	Total	\$233,547	
MD	2,528	TVD	2,528	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity at Ro	port Ti	ne WORT									

**Activity at Report Time: WORT** 

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CRAIG'S AIR RIG #2 ON 10/21/2007. DRILLED 12-1/4" HOLE TO 2560' GL. ENCOUNTERED WATER @
			2060'. RAN 59 JTS (2516.40') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND

FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2528' KB. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 180 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 450 SX (92.1 BBLS) OF PREMIUM CEMENT  $\,$  W/2  $\,$  CACL2  $\,$  4  $\,$ 4  $\,$ 7 SX FLOCELE. MIXED CEMENT  $\,$  0 15.8 PPG  $\,$  W/YIELD OF 1.15 CF/SX.

DISPLACED CEMENT W/191.2 BBLS FRESH WATER. BUMPED PLUG W/900# @ 10:08 PM, 10/24/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. NO CEMENT RETURNS.

TOP JOB # 1: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/2% CACL2 &  $\frac{1}{4}$  #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HRS.

TOP JOB # 2: MIXED & PUMPED 175 SX (35.8 BBLS) OF PREMIUM CEMENT W/2% CACL2, &  $\frac{1}{4}$  #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

NOTE: 9 5/8 X 12  $^{1}$ 4 ANNULUS VOLUME PLUS SHOE JT VOLUME EQUALS 702.1 SX CEMENT. HOLE FILLED & STOOD FULL W/675 SX CEMENT.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NO SURVEY AT THIS TIME.

KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 10/23/2007 @ 11:00 AM.

11-03-20	007 1	Reported 1	Ву	CARLOS ARRIE	ETA						
DailyCost	ts: Drilling	g \$	22,801	Cor	mpletion	\$0		Dail	ly Total	\$22,801	
Cum Cos	ts: Drillin	g \$	256,348	Cor	mpletion	\$0		Wel	l Total	\$256,348	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:		PBTD	: 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report	<b>l'ime:</b> RDN	<b>MORT</b>								
Start	End	Hrs	Activity De	escription							
06:00	18:00	12.0	RIGGING D	OWN & MUVE, I	L/DN DER	RICK,					
18:00	06:00	12.0	RIG DOWN	, CHECK MUD P	UMPS, CH	ANGE LINE	RS & VALVE	ES			
			RIG DOWN	85%, RIG MOVE	ED 20%, 2	TRUCKS, 21	FORKLIFT				
			2 MILES MO	OVE FROM CWU	J 711–7 TC	CWU 674-6	5	_			

TRUCK WILL BE ON LOCATION @ 07:00 AM

BOILER 12 HRS.

NO ACCIDENTS REPORTED

FULL CREW

SAFETY MEETING: RIG DOWN, WORK ON PUMPS

FUEL ON HAND: 2000 GALS.

		POLL	- III		•						
11-04-20	07 Re	ported By	C	ARLOS ARRIET	ГА						
DailyCost	s: Drilling	\$21,204		Com	pletion	\$0		Daily	y Total	\$21,204	
Cum Cost	s: Drilling	\$277,552	2	Com	pletion	\$0		Well	Total	\$277,552	
MD	0	TVD	0	Progress	0	Days	0	$\mathbf{MW}$	0.0	Visc	0.0
Formation	ı:	P	<b>BTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: TEST BOPI	3								
Start	End	Hrs Activ	ity Desc	ription							
06:00	18:00	12.0 RIG M	OVED 8	& RIGGING UP,	RAISE D	ERRICK, NO	TIFIED BLN	1 VERNAL F	F/ TEST BOP,	MR. JAMIE SI	PARGER
18:00	03:30	9.5 CONT	INUE RI	IGING UP, FLO	OR, PUMI	S, MUD TAN	IKS				
		RESE	T CLOCE	K BACK ONE H	R FOR D	ST.					
02:30	03:30	1.0 ADD	OH ANC	UR FOR DST C	HANGE.						
03:30	06:00			VITH B&C QUI ALL TO 250 PS				ER VALVES,	, PIPE RAMS	, HCR, SAFET	Y VALVI
		ANNU	JLAR 250	0 PSI LOW 2500	HIGH,SU	JRFACE CSG	.1500 PS				
		****	*RIG ON	DAYWORK AT	Г 03:30 OI	N 11/04/2007*	****				
		BOILI	ER 12 HR	RS.							
		NO A	CCIDEN	IS REPORTED							
		FULL	CREW								
		CHEC	K SAFE	TY CROWN OK							
		SAFE	ГҮ МЕЕ	TING: RIGGING	G UP						
		FUEL	ON HAN	ND: 1842 GALS.	USED 15	88 GALS.					
		MUD	LOGGIN	IG: DAYS							
11-05-200	07 Re	ported By	C	ARLOS ARRIET	ГА						
DailyCost	s: Drilling	\$50,522		Com	pletion	\$0		Daily	y Total	\$50,522	
Cum Cost	s: Drilling	\$328,074	ł	Com	pletion	\$0		Well	Total	\$328,074	
MD	2,514	TVD	2,514	Progress	0	Days	0	MW	8.4	Visc	26.0
Formation	ı :	P	<b>BTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: RIG REPAI	R / HYD	ROMATIC							
Start	End	Hrs Activ	ity Desc	ription							
06:00	07:30	1.5 B&C	QUICK T	TEST,& TEST B CR,KELLY UPF							50
		PSI LO	OW & 50	00 PSI HIGH, A	NNULAR	250 PSI LOW	7 2500 HIGH	I,SURFACE	CSG.1500 PS	I OK	
07:30	08:30			TING W/ WEAT	HERFOR	D & RIG CRE	WS, RIG U	P LAY DOW	N MACHINE	i.	
00.20	11.20			AR BUSHING.	4551 DIG				D. (000. v v = 0		~
08:30	14:30			& DP, TAG @ 2	-					•	
14:30	16:30			NT & FLOAT CO							
16:30	02:30	10.0 WAIT	ON HYI	DROMATIC BRA	AKE, THI	HYDROMA	TIC WAS TA	AKE TO MA	CHINE SHOR	TO REPAIR	

00.70	06.00	25 10/0	DOM ATI	CARRIVERO	NI OCATI	ON 6 02 20	AM WORK	INC ON CE	MEINIC DACK	ON DRAWWO	DVC
02:30	06:00				N LOCALI	ON @ 02:30	AM, WUKK	ING ON SE	HING BACK	ON DRAWWO	KKS
			ER 12 HF								
				TS REPORTED	)						
		FUL	L CREW								
		CHE	CK SAFE	TY CROWN O	K						
		SAFI	ETY MEE	TING: P/UP BI	HA, V-DC	OR SAFET	Y				
		FUE	L ON HAI	ND: 5462 GAL	S. USED 7	80 GALS.					
		MUE	LOGGIN	IG: LELAND	CHAPMAN	N 1 DAYS					
11-06-20		ported By		ARLOS ARRIE							
DailyCos	ts: Drilling	\$27,157	7	Co	mpletion	\$0		Dai	ly Total	\$27,157	
Cum Cos	sts: Drilling	\$355,23	31	Co	mpletion	\$0		Wel	ll Total	\$355,231	
MD	3,590	TVD	3,590	Progress	1,060	Days	1	MW	8.5	Visc	27.0
Formatio	n:	I	<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth</b> : 0.0	
Activity a	at Report Ti	me: DRILLING	3								
Start	End	Hrs Acti	vity Desc	ription							
06:00	17:00	11.0 RIG	REPAIR V	WORKING ON	HYDROM	IATIC, WAI	T ON MECH	IANIC, MEC	CHANIC ON I	OCATION @ 1	11:30
17:00	17:30	0.5 DRII	L CEME	NT & SHOE, S	HOE @ 25	29'					
17:30	18:00	0.5 DRII	L ROTAT	E 2530' ~ 2576	' (46') WC	OB 10K, 40 F	PM, 466 GA	LS. MUD N	MOTOR 74 RP	ΡΜ	
18:00	18:30	0.5 RUN	FIT @ 25	30' 180 PSI, 10	0.1 <b>PPG</b> M	UD WT.					
18:30	19:00	0.5 DRII	L ROTAT	E 2576 – 2640'	(64') WC	B 15K 40 R	PM 466 GPN	Л			
19:00	19:30	0.5 WIR	E LINE SU	JRVEY @ 3535	5' 1.51 DE	G.					
19:30	06:00		L ROTAT VIS. 28	E 2640' – 3590	)' (950') V	VOB 15/18K	, 60 RPM, 4	66 GPM, M	UD MOTOR 7	4 RPM, MUD	WT. 8.7
		ВОІІ	ER 12 HR	RS.							
		NO A	CCIDENT	TS REPORTED	)						
		FULI	L CREW								
		CHE	CK SAFE	ΓΥ CROWN-C	-MATIC	OK					
		SAFI	ETY MEE	TING: PULLIN	IG SLIPS -	- LADDER	S				
		FUEI	ON HAN	ND: 4743 GALS	S. USED 7	19 GALS.					
		FOR	MATION 7	ГОРЅ: МАНОО	GANY OIL	SHALE @	2714'				
		LITH	OLOGY:	30% SANDSTO	ONE - 50%	SHALE - 2	20% LIMEST	ONE			
		BG C	AS 1000	U/ 2200 U – TF	UP GAS 0	U – CONN.	GAS 1400 U	/ 8840 U – H	F GAS 6172 I	U @ 3020'	
			FLARE								
				G: LELAND	CHAPMAN	I 2 DAYS					
06:00		18.0 SPUI	O 7 7/8" H	OLE AT 17:30	HRS, 11/5/	07.					
11-07-20	007 Re	ported By	CA	ARLOS ARRIE	TA						
DailyCos	ts: Drilling	\$64,943	3	Coi	npletion	\$0		Dail	ly Total	\$64,943	
Cum Cos	ts: Drilling	\$420,17	75	Cor	npletion	\$0		Wel	l Total	\$420,175	
MD	4,910	TVD	4,910	Progress	1,320	Days	2	MW	9.0	Visc	28.0
Formatio	n:	I	<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
		ne: DRILLING									
Start	End		vity Desc	rintion							
Juit	EIIU	IIIS ACU	TILY DESC	ı ibnon							

06:00	07:30	1.5 DRILL ROTATE 3590' – 3721' (131') WOB 15/18K, 60 RPM, 466 GPM, MUD MOTOR 74 RPM, MUD WT. 8.7 PPG, VIS. 28
07:30	08:00	0.5 RUN WIRE LINE SURVEY @ 3646' 1.10 DEG.
08:00	15:00	7.0 DRILL ROTATE 3721' – 4294' (573') WOB 15/18K, 60 RPM, 466 GPM, MUD MOTOR 74 RPM, MUD WT. 8.7 PPG, VIS. 28
15:00	15:30	0.5 SERVICE RIG, CK COWN-O-MATIC
15:30	04:00	12.5 DRILL ROTATE 4294' – 4868 ' (574') WOB 15/18K, 60 RPM, 466 GPM, MUD MOTOR 74 RPM, MUD WT. 8.7 PPG, VIS. 28
04:00	04:30	0.5 RUN WIRE LINE SURVEY @ 4784' 1.78 DEG.
04:30	06:00	1.5 DRILL ROTATE 4868' – 4910' (42') WOB 15/18K, 60 RPM, 466 GPM, MUD MOTOR 74 RPM, MUD WT. 9.7 PPG, VIS. 29
		BOILER 16 HRS.
		NO ACCIDENTS REPORTED
		FULL CREW
		CHECK SAFETY CROWN-O-MATIC OK
		SAFETY MEETING: BOP PIPE RAMS & SCRUBBING
		FUEL ON HAND: 3706 GALS. USED 1037 GALS.
		FORMATION TOPS: UTELAND BUTTE @ 4842'
		LITHOLOGY: 40% SANDSTONE - 50% SHALE - 10% LIMESTONE
		BG GAS 70 U/ 1500 U – TRIP GAS 0 U – CONN. GAS 290 U/ 2400 U – H F GAS 1949 U @ 3736'
		NO FLARE
		MUD LOGGING: LELAND CHAPMAN 3 DAYS
		CANAGA ANNUTA

11-08-20	07 Re	eported By	CA	ARLOS ARRIE	ETA						
DailyCost	s: Drilling	\$50,0	013	Cor	mpletion	\$0		Daily	Total	\$50,013	
Cum Cost	s: Drilling	\$470	,188	Con	mpletion	\$0		Well '	<b>Fotal</b>	\$470,188	
MD	5,442	TVD	5,442	Progress	532	Days	3	$\mathbf{MW}$	9.6	Visc	30.0
Formation	ı:		<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: DRILLI	NG AHEAD								
Start	End	Hrs A	ctivity Desc	ription							
06:00	13:00		RILL ROTAT G, VIS. 30	E 4910' - 5029	9' (119') V	VOB 18/20K,	60 RPM, 4	66 GPM, MU	D MOTOR 7	4 RPM, MUD V	WT. 9.7
13:00	13:30	0.5 SE	RVICE RIG								
13:30	06:00		RILL ROTATI G, VIS. 32	E 5029' – 5442	2'(413')	WOB 18/20K,	45/60 RPM	i, 466 GPM, I	MUD MOTO	OR 74 RPM, MU	л <b>D WT</b> . 9.7
		ВС	DILER 12 HR	S.						•	
		NO	O ACCIDENT	TS REPORTED	)						
		FU	JLL CREW								
		CF	HECK SAFE	ΓY CROWN-C	MATIC	OK					
		SA	FETY MEE	TING: PERSO	NAL RESP	ONSIBILITIE	ES & MOUS	E HOLE & DI	RILL PIPE		
		FU	JEL ON HAN	ID: 5462 GALS	S. USED 1	738 GALS.					
		FC	DRMATION T	TOPS: WASAT	CH @ 504	8'					
		Lľ	THOLOGY:	30% SANDSTO	ONE - 40%	SHALE - 30	% RED SH	ALE			
		ВС	G GAS 40 U/	135 U – TRIP	GAS 0 U –	CONN. GAS	245 U/710	U – H F GAS	576 U @ 50	03'	
		NO	FLARE								

11-09-2007 Reported By

CARLOS ARRIETA

MUD LOGGING: LELAND CHAPMAN 4 DAYS

DailyCost	ts: Drilling	\$27,52	7	Con	npletion	\$0		Dail	y Total	\$27,527	
Cum Cos	ts: Drilling	\$497,7	16	Con	npletion	\$0		Well	Total	\$497,716	
MD	6,047	TVD	6,047	Progress	605	Days	4	MW	9.9	Visc	32.0
Formatio	n:		<b>PBTD</b> : 0.0	0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: DRILLIN	G								
Start	End	Hrs Acti	ivity Descr	ription							
06:00	13:00		LL ROTATE , VIS. 32	E 5442' – 5632	'(190') V	VOB 18/20K,	45/60 RPM,	466 GPM,	MUD MOTO	R 74 RPM, MI	U <b>D WT</b> . 9.7
13:00	13:30	0.5 SER	VICE RIG,	CK. CROWN-	O-MATIC						
13:30	06:00		LL ROTATE , VIS. 33	E 5632' – 6047	'(415') W	OB 22/24K,	45/60 RPM,	466 GPM,	MUD MOTO	R 74 RPM, MU	J <b>D WT</b> . 9.9
		BOI	LER 12 HRS	S.							
		NO A	ACCIDENT	S REPORTED							
		FUL	L CREW								
				Y CROWN-O							
				ING: DOING			TABING TU	BULARS			
				D: 4567 GALS							
				OPS: CHAPITA							
				0% SANDSTO							
				20 U – TRIP C	3AS 0 U - 0	CONN. GAS 2	295 07 71021	105 U – H F	GAS 3840 U	@ 5911′	
			FLARE	~		5 Th					
				G: LELAND C		5 DAYS			<del></del>		
11-10-20		ported By		RLOS ARRIE							
-	ts: Drilling	\$41,11			pletion	\$3,000			y Total	\$44,118	
	ts: Drilling	\$538,8			pletion	\$3,000	_		Total	\$541,835	
MD	6,675	TVD	6,675	Progress	628	Days	5	MW	9.9	Visc	34.0
Formation			<b>PBTD</b> : 0.0	)		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity a	t Report Ti	me: DRILLING	3								
Start	End	Hrs Acti	vity Descr	iption							
06:00	12:00		LL ROTATE VIS. 33	5 6047° – 6173°	'(126') W	OB 22/24K, 4	45/60 RPM,	466 GPM,	MUD MOTO	R 74 RPM, MU	D WT. 9.9
12:00	12:30	0.5 CIRC	CULATE PL	THE LITTER OF ME	I TRIPPIN	IC TA NIIZ					
12:30	16:30			WIF FILL, FIL	L Hairin	IG IANK					
16:30				E F/BIT # 2, L.			}				
	17:00	0.5 SER	VICE RIG	E F/BIT # 2, L.	AY DOWN	2 REAMERS					
17:00	17:00 19:30	0.5 SER 2.5 PICE	VICE RIG K UP BIT#:	E F/BIT # 2, L. 2, HC 506 Z &	AY DOWN	2 REAMERS	IPE				
17:00 19:30		0.5 SER' 2.5 PICE 1.0 WAS	VICE RIG K UP BIT # 2 SH & REAM	E F/BIT # 2, L. 2, HC 506 Z & 1115' TO BTT	AY DOWN TRIP IN F M. 25' FIL	2 REAMERS HOLE, FILL P L, LOST 150	IPE BBLS. DRI				
	19:30	<ul><li>0.5 SER</li><li>2.5 PICH</li><li>1.0 WAS</li><li>9.5 DRII</li><li>PPG</li></ul>	VICE RIG K UP BIT # 2 SH & REAM LL ROTATE , VIS. 38, 1	E F/BIT # 2, L.  2, HC 506 Z &  1115' TO BTT  3 6173' – 6675'  LOST CIRC. 1	AY DOWN  TRIP IN F  M. 25' FIL  (502') W  25 BBLS. I	2 REAMERS HOLE, FILL P L, LOST 150 OB 15/20K, 4 DRILL MUD,	IPE BBLS. DRI 45/60 RPM, PUMP LCM	466 GPM, PILL OK		R 74 RPM, MU	JD WT. 10.3
19:30	19:30 20:30	0.5 SER' 2.5 PICH 1.0 WAS 9.5 DRII PPG. 05:00	VICE RIG K UP BIT # 2 SH & REAM LL ROTATE , VIS. 38, 1 D AM MUD	E F/BIT # 2, L.  2, HC 506 Z &  1115' TO BTT.  6 6173' – 6675'  LOST CIRC. 1:  0 WT 10.1 PPG	AY DOWN  TRIP IN F  M. 25' FIL  (502') W  25 BBLS. I	2 REAMERS HOLE, FILL P L, LOST 150 OB 15/20K, 4 DRILL MUD,	IPE BBLS. DRI 45/60 RPM, PUMP LCM	466 GPM, PILL OK		R 74 RPM, MU	DD WT. 10.3
19:30	19:30 20:30	<ul><li>0.5 SER*</li><li>2.5 PICF</li><li>1.0 WAS</li><li>9.5 DRII PPG</li><li>05:00</li><li>BOII</li></ul>	VICE RIG  K UP BIT # 2  GH & REAM  LL ROTATE  VIS. 38, 1  O AM MUD  LER 12 HRS	E F/BIT # 2, L.  2, HC 506 Z &  1115' TO BTT  66173' – 6675' LOST CIRC. 1:  WT 10.1 PPG  5.	AY DOWN 2 TRIP IN F M. 25' FIL ('(502') W 25 BBLS. I , 31 VIS. 7	2 REAMERS HOLE, FILL P L, LOST 150 OB 15/20K, 4 DRILL MUD,	IPE BBLS. DRI 45/60 RPM, PUMP LCM	466 GPM, PILL OK		R 74 RPM, MU	JD WT. 10.3
19:30	19:30 20:30	0.5 SER' 2.5 PICH 1.0 WAS 9.5 DRII PPG 05:00 BOII	VICE RIG  C UP BIT # 2  CH & REAM  LL ROTATE  VIS. 38, 1  O AM MUD  LER 12 HRS  ACCIDENTS	E F/BIT # 2, L.  2, HC 506 Z &  1115' TO BTT.  6 6173' – 6675'  LOST CIRC. 1:  0 WT 10.1 PPG	AY DOWN 2 TRIP IN F M. 25' FIL ('(502') W 25 BBLS. I , 31 VIS. 7	2 REAMERS HOLE, FILL P L, LOST 150 OB 15/20K, 4 DRILL MUD,	IPE BBLS. DRI 45/60 RPM, PUMP LCM	466 GPM, PILL OK		R 74 RPM, MU	<b>ID WT</b> . 10.3
19:30	19:30 20:30	0.5 SER' 2.5 PICH 1.0 WAS 9.5 DRII PPG. 05:00 BOIL NO A	VICE RIG  K UP BIT # 2  K W REAM  LL ROTATE  VIS. 38, 1  AM MUD  LER 12 HRS  ACCIDENTS  L CREW	E F/BIT # 2, L.  2, HC 506 Z &  1115' TO BTT:  6 6173' – 6675'  LOST CIRC. 1:  9 WT 10.1 PPG  5.  S REPORTED	AY DOWN 2 TRIP IN F M. 25' FIL 2' (502') W 25 BBLS. I , 31 VIS. 7	2 REAMERS HOLE, FILL P L, LOST 150 OB 15/20K, 4 ORILL MUD, TOTAL MUD	IPE BBLS. DRI 45/60 RPM, PUMP LCM	466 GPM, PILL OK		R 74 RPM, MU	0D WT. 10.3
19:30	19:30 20:30	0.5 SER' 2.5 PICH 1.0 WAS 9.5 DRII PPG 05:00 BOII NO A FULL CHE	VICE RIG  K UP BIT # 2  SH & REAM  LL ROTATE  VIS. 38, 1  AM MUD  LER 12 HRS  ACCIDENT:  L CREW  CK & SET 6	E F/BIT # 2, L.  2, HC 506 Z &  1115' TO BTT  3: 6173' – 6675'  LOST CIRC. 1:  WT 10.1 PPG  3.  S REPORTED  CROWN-O-M	AY DOWN  TRIP IN F  M. 25' FIL  '(502') W  25 BBLS. I  , 31 VIS. T	2 REAMERS HOLE, FILL P L, LOST 150 OB 15/20K, 4 DRILL MUD, TOTAL MUD	IPE BBLS. DRI 45/60 RPM, PUMP LCM LOST 275 E	466 GPM, PILL OK		R 74 RPM, MU	ID WT. 10.3
19:30	19:30 20:30	0.5 SER' 2.5 PICH 1.0 WAS 9.5 DRII PPG 05:00 BOII NO A FULL CHE SAFI	VICE RIG  K UP BIT # 2  K W REAM  LL ROTATE  VIS. 38, 1  O AM MUD  LER 12 HRS  ACCIDENTS  L CREW  CK & SET (  ETY MEET	E F/BIT # 2, L.  2, HC 506 Z &  1115' TO BTT:  6 6173' – 6675'  LOST CIRC. 1:  9 WT 10.1 PPG  5.  S REPORTED	AY DOWN  TRIP IN H  M. 25' FIL  (502') W  25 BBLS. I  , 31 VIS. T	2 REAMERS HOLE, FILL P L, LOST 150 OB 15/20K, 4 ORILL MUD, FOTAL MUD	IPE BBLS. DRI 45/60 RPM, PUMP LCM LOST 275 E	466 GPM, PILL OK		R 74 RPM, MU	JD WT. 10.3

FORMATION TOPS: BUCK CANYON @ 6293'

LITHOLOGY: 50% SANDSTONE - 40% SHALE - 10% RED SHALE

BG~GAS~50~U/~200~U~-TRIP~GAS~5000~U~@~6174~-CONN.~GAS~295~U/~5517~U~-H~F~GAS~623~U~@~6300°,

NO FLARE

MUD LOGGING: LELAND CHAPMAN 6 DAYS

		MUI	- 2000	O. LELLIND							
11-11-20	007 Re	ported By	CA	ARLOS ARRIE	TA						
DailyCost	ts: Drilling	\$31,634	4	Cor	npletion	\$841		Daily	Total	\$32,475	
Cum Cos	ts: Drilling	\$570,46	59	Cor	npletion	\$3,841		Well	Total	\$574,310	
MD	7,680	TVD	7,680	Progress	1,005	Days	6	MW	10.0	Visc	37.0
Formatio	n:	]	<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	ıt Report Ti	me: DRILLING	3								
Start	End	Hrs Acti	vity Desc	ription							
06:00	16:30		LL ROTAT VIS. 38,	E 6675' – 7149	9' (474') W	OB 15/20K,	45/60 RPM,	466 GPM, 1	MUD MOTOI	R 74 RPM, MU	D WT. 10.3
16:30	17:00	0.5 SER	VICE RIG	CK CROWN-	O-MATIC						
17:00	06:00			E 7149' – 7680 VIS. 33, LOS						JD MOTOR 74 L	RPM, MUD
		BOII	LER 12 HR	as.							
				rs reported							
			L CREW								
				`CROWN-O-!							
				ΓING: WORK (			E TANKS &	DRUMS			
				ID: 2733 GALS							
				FOPS: PRICE F			~ an mama				
				60% SANDSTO					HECAGOIC	11 6 70(0)	
			FLARE	250 U – TRIP (	JAS U U @	6174 <del>-</del> CON	N. GAS 323	0/33/30-	H F GAS 213	0 @ 7008	
				G: LELAND (	THA PMAN	7 DAVS					
11-12-20	M7 Re	ported By		ARLOS ARRIE		7 2.110					
		ported D <sub>j</sub>									
Daily Cost	ts: Drilling	\$37.638	₹	Cor	nnletion	\$84,773		Daily	Total	\$122,411	
Cum Cost	ts: Drilling	\$37,638 \$608.10			npletion	\$84,773 \$88.614		_	Total Total	\$122,411 \$696.722	
	ts: Drilling	\$608,10	08	Cor	npletion	\$88,614	7	Well	Total	\$696,722	32.0
MD	ts: Drilling	\$608,10 <b>TVD</b>	08 7,700	Cor Progress	-	\$88,614 <b>Days</b>	7	_	Total	\$696,722 <b>Visc</b>	32.0
MD Formation	7,700	\$608,10 <b>TVD</b>	7,700 <b>PBTD:</b> 0	Cor Progress	npletion	\$88,614	7	Well	Total	\$696,722 <b>Visc</b>	32.0
MD Formation Activity a	7,700 n:	\$608,10  TVD  I me: CEMENTI	7,700 <b>PBTD:</b> 0 ING 4.5" C	Cor Progress .0 SG	npletion	\$88,614 <b>Days</b>	7	Well	Total	\$696,722 <b>Visc</b>	32.0
MD Formation Activity a Start	ts: Drilling 7,700 n: t Report Tir	\$608,10  TVD  I  me: CEMENTI  Hrs Acti	7,700  PBTD: 0  ING 4.5" C  vity Desc	Cor Progress .0 :SG ription	npletion 20	\$88,614  Days  Perf:		Well MW	Total 10.3 PKR Dep	\$696,722 <b>Visc</b> oth: 0.0	
MD Formation Activity a	7,700 n:	\$608,10  TVD  I me: CEMENT!  Hrs Acti  1.0 DRII	7,700 <b>PBTD:</b> 0  ING 4.5" C <b>vity Desc</b> LL ROTATI	Cor Progress .0 :SG ription	20 20 2' TD, (20')	\$88,614  Days  Perf:	K, 45/60 RP	Well MW	Total 10.3 PKR Dep	\$696,722 <b>Visc</b>	
MD Formation Activity a Start	ts: Drilling 7,700 n: t Report Tir	\$608,10  TVD  Ime: CEMENTI  Hrs Acti  1.0 DRIL  MUL	7,700 <b>PBTD</b> : 0  ING 4.5" C <b>vity Desc</b> LL ROTATION WT. 10.5	Cor Progress .0 :SG ription E 7680' – 7700	20 20 Y TD, (20') REACHED	\$88,614  Days  Perf:  WOB 15/20  TD AT 07:00	K, 45/60 RP ) HRS, 11/11	Well MW M, 466 GPN /07.	Total 10.3 PKR Dep	\$696,722 <b>Visc</b> oth: 0.0	
MD Formation Activity a Start 06:00	ts: Drilling 7,700 n: tt Report Tit End 07:00	\$608,10  TVD  Ime: CEMENTI  Hrs Acti  1.0 DRII  MUL	7,700 7,700 PBTD: 0 ING 4.5" C vity Desc L ROTATI D WT. 10.5	Progress .0 SSG ription E 7680' – 7700 PPG, VIS. 32.	20 20 "TD, (20') REACHED	\$88,614  Days  Perf:  WOB 15/20  OTD AT 07:00	K, 45/60 RP ) HRS, 11/11 ID WT 10.4,	Well MW  M, 466 GPM  /07.	10.3 PKR Dep	\$696,722 <b>Visc</b> oth: 0.0  MUD MOTOR	
MD Formation Activity a Start 06:00	ts: Drilling 7,700 n: tt Report Tit End 07:00	\$608,10  TVD  Ime: CEMENTI  Hrs Acti  1.0 DRII  MUL  1.0 CIRC  2.5 SHO  3.0 CIRC	7,700 PBTD: 0 ING 4.5" C vity Desc LL ROTATIO D WT. 10.5 CULATE C RT TRIP 2	Progress  .0  SG  ription  E 7680' – 7700  PPG, VIS. 32.	npletion 20  TD, (20') REACHED  S1 GPM, 2 FIED BLM MIX GEL,	\$88,614  Days  Perf:  WOB 15/20  OTD AT 07:00  100 PSI, MU  VERNAL M  LOST 38 BE	K, 45/60 RP ) HRS, 11/11 ID WT 10.4, IR. JAMIE S LS. IN HOL	Well MW M, 466 GPM /07. VIS 34 PARGER TO E PUMP 2 L	10.3 PKR Dep  1, 1950 PSI, PRUN CSG &	\$696,722 <b>Visc</b> oth: 0.0  MUD MOTOR	74 RPM,

19:00	21:00		PULL WEAR BU TO RUN CASINO	•	ETY MEE	TING W/ WEA	THERFOR	RD & RIG CR	EWS JSA ON	N RUN CASINO	G. RIG UP
21:00	03:30	C S	RUN CASING 4 I COLLAR, 25 JTS SHOE @ 7700' FI T ABOVE SHOE	. CSG.,1 MAR LOAT COLLA	RJER JT., 4 AR @ 7653	7 JTS.CSG.,1 № ', MARKER Л	MARKER	JT.114 JTS.C	SG. PUP JT.	HANGER ASS.	FLOAT
03:30	04:30		TAG @ 7700' LA WEATHERFORD								'N
04:30	05:00		CIRC. SAFETY I OK.	MEETING W/	SCHLUM	IBERGER, LAI	ND CASIN	NG HANGER	W/# 70,000,	TEST DOT W/	/ 5000 PSI.
05:00	06:00	C E 5	VUP CEMENTIN CHEM WASH & 2 EXTENDER,D16 6% DISPERSANT	20 BBLS WAT 72% FLUID 7 YIELD 2.9	ER SPACI LOSS,D0 98 FT3/SK	ER, LEAD CEN 46 .2%, ANTIF , H20 18.2 GA	MENT 300 OAM, D0 AL/SK@ 1	SKS. 35/65 P 13 .5% RATE 1.50 PPG	POZ G + ADI RDER, D130	OS MIX D020 1 .125 LOST CIF	0% RC. D065 .
			TAIL 920 SKS 50/ 1% DISPERSANT						•	2% FLUID LOS	SS, DO65 .
			TRUCK ON LOC	•							
11-13-200	)7 Re	ported By	y CAR	LOS ARRIET	'A						
DailyCosts	s: Drilling	\$32	2,622	Com	pletion	\$21,626		Daily	Total	\$54,248	
Cum Cost	s: Drilling	\$64	10,730	Com	- pletion	\$110,240		Well	Total	\$750,970	
MD	7,700	TVD	7,700	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation	ı <b>:</b>		<b>PBTD</b> : 0.0			Perf:			PKR Dep	oth: 0.0	
Activity at	Report Tir	ne: RDRT/	/WO COMPLETI	ON							
Start	End	Hrs A	Activity Descrip	otion							
06:00	07:00	S .2	CEMENTING W/ SPACER, LEAD O 2%, ANTIFOAM, 120 18.2 GAL/SF	CEMENT 300 D013 .5% RA	SKS. 35/6 ATERDER	5 POZ G + AD	DS MIX D	020 10% EXT	TENDER,D10	672% FLUID	LOSS,D046
			TAIL 920 SKS 50/ % DISPERSANT							% FLUID LOS	S, DO65 .
		P	DISP. TO FLOAT PLUG @ 05:40 HI BBL. BACK,								
07:00	09:00	2.0 C	CLEAN MUD TA	NKS & NIPPL	E DOWN	BOP.					
		R	UG MOVE TO C	WU 718.1 = 4.	.5 MILES						
			BOILER 12 HRS.								
		N	O ACCIDENTS	REPORTED							
		F	ULL CREW								
		C	HECK & SET C	ROWN-O-M	ATIC OK						
		S	AFETY MEETIN	IG: RUN CSG	& CEME	NT					
		F	UEL ON HAND:	4392 GALS							
		F	ORMATION TO	PS: PRICE RI	VER @ 7	501'					
		M	AUD LOGGING:	LELAND CH	HAPMAN:	RELEASE 11	/11/2007 (	@ 13:30 PM			
09:00		15.0 R	RELEASED RIG	11/12/07 @ 09	0:00 HRS						

#### CASING POINT COST \$637,823

		CAS	SING FOIN	1 COS1 \$057,6	323						
11-19-200	)7 Re	eported By	SE	ARLE							
DailyCosts	s: Drilling	\$0		Cor	npletion	\$41,590		Daily '	Total	\$41,590	
Cum Costs	s: Drilling	\$640,7	'30	Сог	npletion	\$151,830		Well T	otal	\$792,560	
MD	7,700	TVD	7,700	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation	1:		<b>PBTD</b> : 76	554.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: PREP FO	R FRACS								
Start	End	Hrs Act	ivity Desc	ription							
06:00	06:00		U SCHLUM SCHLUMB		G WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD T	O 280'. EST	CEMENT TO	P @ 1350'.
11-22-200	)7 Re	eported By	TC	ORR MCCURE	Υ						
DailyCosts	s: Drilling	\$0		Cor	npletion	\$1,780		Daily '	Total	\$1,780	
Cum Costs	s: Drilling	\$640,7	'30	Cor	npletion	\$153,610		Well T	otal	\$794,340	
MD	7,700	TVD	7,700	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation	ı:		<b>PBTD</b> : 76	554.0		Perf:			PKR Dej	<b>pth:</b> 0.0	
Activity at	Report Ti	me: WO COM	PLETION								
Start	End		ivity Desc	-							
15:00	16:00	1.0 NU			URE TEST	ED FRAC TREE	E & CASI	NG TO 6500 F	PSIG. WO C	OMPLETION	
11-27-200	)7 Re	ported By	HI	SLOP							
DailyCosts	s: Drilling	\$0		Cor	npletion	\$158,206		Daily '	Total	\$158,206	
Cum Costs	s: Drilling	\$640,7	'30	Cor	npletion	\$311,816		Well T	otal	\$952,547	
MD	7,700	TVD	7,700	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation	: WASATC	Н	<b>PBTD</b> : 70	553.0		<b>Perf</b> : 5716' -	- 7414'		PKR De	<b>pth:</b> 0.0	

Activity at Report Time: PREP TO MIRUSU

### Start End Hrs Activity Description

06:00 06:00

24.0 RU CUTTERS WIRELINE. PERFORATED NORTH HORN FROM 7162'-63', 7167'-68', 7174'-75', 7182'-83', 7188'-89', 7195'-96', 7205'-06', 7325'-26', 7334'-35', 7337'-38', 7342'-43', 7378'-79', 7381'-82' & 7413'-14' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 165 GAL GYPTRON T-106, 4867 GAL WF116 LINEAR PAD, 7564 GAL WF116 LINEAR W/1# & 1.5# 20/40 SAND, 36664 GAL YF116ST+ W/112600# 20/40 SAND @ 2-4 PPG. MTP 7461 PSIG. MTR 41.0 BPM. ATP 3620 PSIG. ATR 37.1 BPM. ISIP 2820 PSIG. RD SCHLUMBERGER.

RUWL. SET CFP @ 7100'. PERFORATED NORTH HORN/Ba FROM 6738'-40', 6748'-49', 6812'-13', 6828'-29', 6890'-91', 6980'-81', 7031'-32', 7053'-55' & 7068'-70' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 165 GAL GYPTRON T-106, 2487 GAL WF116 LINEAR PAD, 4420 GAL WF116 LINEAR W/1# & 1.5# 20/40 SAND, 20049 GAL YF116ST+ W/69357# 20/40 SAND @ 2-4 PPG. MTP 4553 PSIG. MTR 37.3 BPM. ATP 3152 PSIG. ATR 34.6 BPM. ISIP 1815 PSIG. RD SCHLUMBERGER.

RUWL. SET CFP @ 6705'. PERFORATED Ba FROM 6457'-58', 6496'-97', 6527'-28', 6549'-50', 6617'-18', 6624'-25', 6648'-49', 6665'-66', 6668'-69', 6679'-80' & 6688'-89' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 165 GAL GYPTRON T-106, 3735 GAL WF116 LINEAR PAD, 4841 GAL WF116 LINEAR W/1# & 1.5# 20/40 SAND, 20579 GAL YF116ST+ W/71500# 20/40 SAND @ 2-4 PPG. MTP 4828 PSIG. MTR 40.7 BPM. ATP 3154 PSIG. ATR 37.2 BPM. ISIP 1330 PSIG. RD SCHLUMBERGER.

Property: 056051

RUWL. RIH SET CFP @ 6410'. PERFORATED Ba/Ca FROM 6185'-87', 6238'-39', 6274'-75', 6285'-88', 6298'-99', 6307'-08', 6359'-60' & 6383'-84' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 165 GAL GYPTRON T-106, 2482 GAL WF116 LINEAR PAD, 3577 GAL WF116 LINEAR 1# & 1.5# 20/40 SAND, 15432 GAL YF116ST+ W/53400# 20/40 SAND @ 2-4 PPG. MTP 3047 PSIG. MTR 32.2 BPM. ATP 2324 PSIG. ATR 29.6 BPM. ISIP 1660 PSIG. RD SCHLUMBERGER.

RUWL. SET CFP @ 6115'. PERFORATED Ca FROM 5917'-25', 6071'-74' & 6083'-84' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 165 GAL GYPTRON T-106, 2495 GAL WF116 LINEAR PAD, 3578 GAL WF116 LINEAR 1# & 1.5# 20/40 SAND, 15743 GAL YF116ST+ W/54400# 20/40 SAND @ 2-4 PPG. MTP 3645 PSIG. MTR 32.2 BPM. ATP 2886 PSIG. ATR 30.1 BPM. ISIP 2340 PSIG. RD SCHLUMBERGER.

RUWL. SET CFP @ 5810'. PERFORATED Ca FROM 5716'-17', 5722'-24' & 5786'-95' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 250 GAL 7-1/2% HCL, 165 GAL GYPTRON T-106, 2482 GAL WF116 LINEAR PAD, 3575 GAL WF116 LINEAR 1# & 1.5# 20/40 SAND, 16015 GAL YF116ST+ W/55000# 20/40 SAND @ 2-4 PPG. MTP 4437 PSIG. MTR 32.2 BPM. ATP 2992 PSIG. ATR 29.5 BPM. ISIP 2110 PSIG. RD SCHLUMBERGER.

#### RUWL. SET 10K CBP AT 5600'. BLED OFF PRESSURE. RDWL. SDFN.

	07 Re	ported By	Н	ISLOP							
DailyCost	s: Drilling	\$0		Com	pletion	\$25,526		Daily	Total	\$25,526	
Cum Cost	ts: Drilling	\$640,7	730	Com	pletion	\$337,342		Well	Total	\$978,073	
MD	7,700	TVD	7,700	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation	n: WASATC	Н	<b>PBTD</b> : 7	653.0		Perf: 5716' -	- 7414'		PKR Dep	oth: 0.0	
Activity a	t Report Tii	ne: CLEAN (	OUT AFTE	R FRAC							
Start	End	Hrs Act	ivity Desc	ription							
06:00	06:00	24.0 MIF	RUSU. ND	FRAC TREE. NU	BOP. RII	H W/BIT & PUM	IP OFF S	UB TO 5600'	. SDFN.		
11-30-20	07 Re	ported By	н	ISLOP							
DailyCost	s: Drilling	\$0		Com	pletion	\$38,105		Daily	Total	\$38,105	
Cum Cost	ts: Drilling	\$640,7	730	Com	pletion	\$375,447		Well '	Total	\$1,016,178	
MD	7,700	TVD	7,700	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation	n: WASATC	Н	<b>PBTD</b> : 7	653.0		<b>Perf</b> : 5716' -	- 7414'		PKR Dep	oth: 0.0	
Activity a	t Report Tir	ne: FLOW TI	EST								
Start	End	Hrs Act	ivity Desc	ription							
	06:00										
06:00	06:00	CLE		CLEANED OUT TT TO 7515'. LA		ED OUT PLUGS BING @ 6700' I					i.
06:00	06:00	CLE RDI	EANED OU MOSU.		NDED TU	BING @ 6700' I	KB. ND F	OP. NU TRE	E. PUMPED	OFF BIT & SUB	
06:00	06:00	CLE RDI FLC	EANED OU MOSU. OWED 16 H	T TO 7515'. LA	NDED TU	BING @ 6700' I	KB. ND F	OP. NU TRE	E. PUMPED	OFF BIT & SUB	
06:00	06:00	CLE RDI FLC TUE	EANED OU MOSU. DWED 16 H	TT TO 7515', LA	NDED TU	BING @ 6700' I	KB. ND F	OP. NU TRE	E. PUMPED	OFF BIT & SUB	
06:00	06:00	CLE RDM FLC TUE PUM 1 JT	EANED OUMOSU.  DWED 16 H BING DETA  MP OFF BI 2-3/8" 4.7	TT TO 7515'. LA  RS. 32/64" CHO  AIL LENGTH  I SUB .91' # N-80 TBG [Y)	NDED TU KE. FTP 3	(BING @ 6700' 1	KB. ND F	OP. NU TRE	E. PUMPED	OFF BIT & SUB	
06:00	06:00	CLE RDI FLC TUE PUM 1 JT XN	EANED OUMOSU.  DWED 16 H  BING DETA  MP OFF BI  2-3/8" 4.7  NIPPLE	TT TO 7515'. LA  RS. 32/64" CHO  AIL LENGTH  I SUB .91' # N-80 TBG [Y)	NDED TU KE. FTP :	(BING @ 6700' 1	KB. ND F	OP. NU TRE	E. PUMPED	OFF BIT & SUB	
06:00	06:00	CLE RDI FLC TUE PUN	EANED OUMOSU.  DWED 16 H  BING DETA  AP OFF BI	TT TO 7515'. LA  IRS. 32/64" CHO  AIL LENGTH  I SUB .91'	NDED TU KE. FTP 3	(BING @ 6700' 1	KB. ND F	OP. NU TRE	E. PUMPED	OFF BIT & SUB	

### LANDED @ 6700.01' KB

12-01-20	007 R	eported l	Ву н	USLOP							
DailyCost	ts: Drilling	\$	0	Co	mpletion	\$2,975		Daily	Total	\$2,975	
Cum Cos	ts: Drilling	\$	640,730	Co	mpletion	\$378,422		Well	Total	\$1,019,153	
MD	7,700	TVD	7,700	Progress	0	Days	12	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formatio	n: WASAT	CH	PBTD:	7653.0		<b>Perf</b> : 5716'	- 7414'		PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report T	ime: FLO	W TEST								
Start	End	Hrs	Activity Desc	cription							
06:00	06:00	24.0	FLOWED 24 H	WED 24 HRS. 24/64" CHOKE. FTP 500 PSIG. CP 1050 PSIG. 14 BFPH. RECOVERED 484 BLW. 3478 BLWTR.							

#### FINAL COMPLETION DATE: 11/30/07

SI. WO FACILITIES.

			TIVAL COM	LETION DATE.	. 11/30/07						
01-17-20	008 R	eported	By D	UANE COOK							
DailyCost	ts: Drilling	\$	50	Cor	npletion	\$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$	6640,730	Cor	npletion	\$378,422		Well 7	<b>Total</b>	\$1,019,153	
MD	7,700	TVD	7,700	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation: WASATCH PBTD: 7653.0					<b>Perf</b> : 5716'	- 7414 <b>'</b>		PKR De <sub>l</sub>	<b>pth:</b> 0.0		
Activity a	it Report Ti	ime: INI	TIAL PRODUCT	TON							
Start	End	Hrs	Activity Desc	cription							
06:00	06:00	24.0	24.0 INITIAL PRODUCTION. FIRST GAS SALES: OPENING PRESSURE: TP 1000 & CP 1780 PSI, TURNED WELL TO OUESTAR SALES AT 12:00 PM, 01/16/08. FLOWED 330 MCFD RATE ON 14/64" POS CHOKE, STATIC 370.								



Form 3160-4

## UNITED STATES

FORM APPROVED

(August 2007)					OF THE IN ID MANAC										y 31, 2010
	WELL (	COMPL	ETION C	R RECO	OMPLETI	ON RE	PORT	AND L	LOG				ase Serial TU01304		
1a. Type of	Well   Completion	Oil Well	_	Well   Work O	. –	Other Deepen	☐ Plu	Rack		oiff. Re	evr	6. If	Indian, All	lottee o	r Tribe Name
	Completion	Othe		- WOLK C	<del>-</del>					, , , , , , , , , , , , , , , , , , ,		7. Ur C	nit or CA A HAPITA V	Agreem WELLS	ent Name and No. S UNI
2. Name of EOG R	Operator ESOURCES	S, INC.	E	-Mail: maŋ	Contact: N _maestas@	/ARY A ∌eogres	MAEST ources.c	AS om				8. Le C	ase Name HAPITA \	and We	ell No. S UNIT 674-06
	600 17TH DENVER,	CO 802	02			Ph:	Phone N 303-82	4-5526	e area	code)		9. Al	PI Well No	). 	43-047-37083
	of Well (Re		-			_		)*				10. F N	ield and P ATURAL	ool, or l	Exploratory ES/WASATCH
At surfa	rod interval r		L 1995FWL		•			109.37	176 W	/ Lon		11. S	ec., T., R., Area Se	M., or c 6 T9	Block and Survey S R23E Mer SLB
	depth SEN	-						, 100.0.					County or I INTAH	Parish	13. State UT
14. Date Sp 10/18/2	oudded		15. Da	ate T.D. Rea /11/2007			16. Date	Complet A <b>2</b> 6/2008		y to Pro	od.	17. E		DF, KI 06 GL	B, RT, GL)*
18. Total D	epth:	MD TVD	7700	19.	. Plug Back	T.D.:	MD TVD	76	553	- 1	20. Dep	th Brid	ige Plug S		MD TVD
21. Type E RST/C	lectric & Oth BL/CCL/VIDE	er Mechar ¥GR	nical Logs R	ın (Submit	copy of each	)			,	Was D	ell corec ST run? onal Su		No No No	☐ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing ar	nd Liner Reco	ord (Repo	rt all strings	set in well)						т					
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Bottom (MD)		Cementer epth		of Sks. of Cen		Slurry (BB		Cement	Top*	Amount Pulled
12.250	<del>                                     </del>	325 J-55	36.0		0 252	8				675					
7.875	4.5	00 N-80	11.6		0 770	0				1220					
	<del>                                     </del>				<u> </u>	+			-						
					1										
24. Tubing		<u></u>		a = \ \							<u> </u>	1 5	4.5.4.04	<b>D</b> \ [	Dealers Death (MD)
Size 2.375	Depth Set (M	1D) Pa	acker Depth	(MD)   S	Size Dep	oth Set (N	<u>/ID)   1</u>	acker De	ptn (M	1D)	Size	De	pth Set (M	<del>"                                     </del>	Packer Depth (MD)
25. Producis					20	6. Perfora	ation Reco	ord							
Fo	ormation		Тор	В	ottom	P	erforated				Size	N	lo. Holes		Perf. Status
A)	WASA	ATCH		5716	7414			7162 T				-	3	_	
B)				_				6738 T				+	3		
D)								6457 T 6185 T		$\neg$		+		3	
	racture, Treat	ment, Cen	nent Squeeze	, Etc.	I			01001	000	J-7				4	
]	Depth Interva	ıl_					A	mount an	d Type	of Ma	terial				
	71	62 TO 74	114 250 GAL	S HCL; 49,	260 GALS GI	ELLED W	ATER & 1	12,600# 2	20/40 5	SAND					
			70 250 GAL												
			89 250 GAI 84 250 GAI												
28. Producti	ion - Interval		0041230 GA	-0 HOL, 21,	000 GALO GI	LLLED W	AIENG	10,400# Z	0/40 0/						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil G Corr.			Gas Gravity		Producti	on Method		
01/16/2008	01/23/2008	24	$\overline{}$	0.0	774.0	53.0							FLO	WS FRO	OM WELL
Choke Size	Tbg. Press. Flwg. 1190		24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:0 Ratio			Well Sta					
14/64"	si tion - Interva	1400.0		0	774	53				16	aw				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil G	ravity	Т	Gas		Producti	on Method	-	
Produced	Date	Tested	Production	BBL	MCF	BBL	Соп.			Gravity					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:0 Ratio			Well Sta	tus				

Size

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #58677 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\*\* OPERATOR-SUBMITTED \*\*\* OPERATOR-SUBMITTED \*\*\* OPERATOR-SUBMITTED \*\*\* OPERATOR-SUBMITTED \*\*\*

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28b. Prod	luction - Inter	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Ga Gr	as ravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	w	'ell Status			
28c. Prod	luction - Inter	val D		<u> </u>								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Ga Gr	as ravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	'ell Status			
29. Dispo	osition of Gase	Sold, used	for fuel, vent	ed, etc.)						···		
Show tests,	nary of Porou all important including dep ecoveries.	zones of p	orosity and c	ontents then	eof: Core	d intervals and all en, flowing and sh	l drill-stem nut-in pressur	res	31. For	nation (Log) Markers		
	Formation		Тор	Bottom		Descriptions	, Contents, e	tc.		Name		Top Meas. Depth
32. Addin Pleas	ional remarks	(include phace)	5716	7414 edure): led perfora	tion info	rmation.			MAI WA CHA BUG	EEN RIVER HOGANY SATCH APITA WELLS CK CANYON CE RIVER		2096 2717 5035 5635 6298 7483
1. El 5. Su	e enclosed atta ectrical/Mech undry Notice f	anical Logs or plugging	g and cement	verification		Geologic R     Core Analy	sis		3. DST Rep 7 Other:			al Survey
34. I here	by certify tha	t the forego	_	ronic Subn	ission #5	omplete and corre 58677 Verified by RESOURCES, I	y the BLM V	Well Info	rmation Sys	records (see attached i tem.	nstructio	ns):
Name	(please print	MARY A	. MAESTAS	3	_		Title	REGUL/	ATORY ASS	SISTANT		
Signa	uture	Atuachar	nic Submissi	ion) ( a	u fa	<u> </u>	Date	02/19/20	008			
Titla 191	I & C Santin	1001 and	Title 42 II C	C Section 1	212 mg/s	re it a arima for a	ny narron ba	owingly o	and willfully	to make to any departn	nent or a	pency
of the Ur	ited States an	y false, fict	itious or frad	ulent statem	ents or re	epresentations as	to any matter	within its	s jurisdiction	·	_o or a	<b></b> J

### Chapita Wells Unit 674-06 - ADDITIONAL REMARKS (CONTINUED):

### **26. PERFORATION RECORD**

5917-6084	3/spf
5716-5795	3/spf
,	

### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

5917-6084	250 GALS HCL; 21,981 GALS GELLED WATER & 54,400# 20/40 SAND
5716-5795	250 GALS HCL; 22,237 GALS GELLED WATER & 55,000# 20/40 SAND

Perforated the North Horn from 7162-63', 7167-68', 7174-75', 7182-83', 7188-89', 7195-96', 7205-06', 7325-26', 7334-35', 7337-38', 7342-43', 7378-79', 7381-82' & 7413-14' w/ 3 spf.

Perforated the North Horn/Ba from 6738-40', 6748-49', 6812-13', 6828-29', 6890-91', 6980-81', 7031-32', 7053-55' & 7068-70' w/ 3 spf.

Perforated the Ba from 6457-58', 6496-97', 6527-28', 6549-50', 6617-18', 6624-25', 6648-49', 6665-66', 6668-69', 6679-80' & 6688-89' w/ 3 spf.

Perforated the Ba/Ca from 6185-87', 6238-39', 6274-75', 6285-88', 6298-99', 6307-08', 6359-60' & 6383-84' w/ 3 spf.

Perforated the Ca from 5917-25', 6071-74' & 6083-84' w/ 3 spf.

Perforated the Ca from 5716-17', 5722-24' & 5786-95' w/ 3 spf.

### REPORT OF WATER ENCOUNTERED DURING DRILLING

	d number: CWL	J 674-06			<u> </u>
API number: _	4304737083				
Well Location:	: QQ <u>SENW</u> Sec	tion <u>6</u> To	wnship <u>9S</u> Range <u>2</u>	23E_ Cou	unty UINTAH
Vell operator:	EOG				
Address:	1060 E HWY 4	10			
	city VERNAL		tate UT zip 84078	Pł	none: (435) 781-9111
Orilling contra	ctor: CRAIGS R	OUSTABOUT	SERVICE		
Address:	PO BOX 41				
	city JENSEN	S	tate UT zip 84035	Pł	none: <u>(435)</u> 781-1366
Water encoun	tered (attach ad	ditional pages	as needed):		
1	DEP <sup>-</sup>	тн Т	VOLUME		QUALITY
	FROM	ТО	(FLOW RATE OR HE	AD)	(FRESH OR SALTY)
	2,050	2,060	NO FLOW		NOT KNOWN
	-				
Formation top	s: 1		2		3
(Top to Botton					
	7			<u>-</u>	9
			11		12

## REPORT OF WATER ENCOUNTERED DURING DRILLING

	l number: <u>CWL</u>	06/4-06	···		-
API number: _	1304737083	_			
Well Location:	QQ <u>SENW</u> Sec	tion <u>6</u>	Township <u>9S</u> Range <u>23E</u>	_ Count	y UINTAH
Well operator:	EOG				
Address:	1060 E HWY	10			
	city VERNAL	····	state UT zip 84078	Phor	ne: <u>(435) 781-9111</u>
Drilling contract	ctor: CRAIGS R	OUSTABOU	JT SERVICE		
Address:	PO BOX 41				
	city JENSEN		state UT zip 84035	Phor	ne: (435) 781-1366
Water encount	ered (attach ad	ditional page	es as needed):		
ſ	DEP'	TH	VOLUME		QUALITY
	FROM	то	(FLOW RATE OR HEAD)		(FRESH OR SALTY)
	2,050	2,060	NO FLOW		NOT KNOWN
]					
-					
-					
ŀ		<del></del>			
L					
Formation tops	s: 1		2		3
(Top to Bottom			5		6
	7		8		9
	10		11		12
lf an analysis h	nas been made	of the water	encountered, please attach a	copy of	the report to this form.
I hereby certify t	hat this report is to	ue and comple	ete to the best of my knowledge.		
NAME (PLEASE PRI	Mary A. Mae	stas	TITLE	Regul	atory Assistant
SIGNATURE	Maria	n M	CLEA DATE	2/19/2	2008

(5/2000)

### **ENTITY ACTION FORM**

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

state CO

zip 80202

Phone Number: (303) 824-5526

### Well 1

API Number	Well I	Well Name			Twp	Rng	County	
43-047-38695	Chapita Wells Unit 71	SWNW	1	98	22E	Uintah		
Action Code	Current Entity Number	Sı	Spud Date			Entity Assignment Effective Date		
С	15154	4905				1	0/16/2007	
Comments: $\omega$	STC from	n 1st Pro	ducti	, m			-3/13/0	

### Well 2

API Number	Well N	Well Name				Rng	County
43-047-37083	Chapita Wells Unit 67	SENW	6	9S	23E	Uintah	
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date	
С	16440	4905					10/18/2007
Comments:	STC from	1st Pro	ducti	on			- 3/13/08

#### Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
43-047-38700	Hoss 33-30	SWNW	30	88	23E	Uintah		
Action Code	Current Entity Number	Spud Date			Entity Assignment Effective Date			
С	16191	16191				1/22/2008		
Comments: M	VRO to 1	WSMVD	3/5/08				5/08	
					·			

### **ACTION CODES:**

(5/2000)

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

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MAR 0 5 2008

DIV. OF OIL, GAS & MINING

Mary A. Maestas

Name (Please Print)

Title

Signature Regulatory Assistant

3/5/2008

Date